

# **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.



6261  
*F. H. Ebeling*

SYRACUSE,  
N.Y.

SEEDS  
BVLBS.

1868  
1892

HARDWARE | APPLIANCE,  
DRAIN TILE, TIN SHOP, ETC.

**WE** are pleased to announce to our many friends and patrons that a Gold Medal was awarded this house at the Buffalo Exposition for its display of Garden Seeds, Grass and Field Seeds. A fac-simile of the Medal is shown on this page.



**Awarded a Gold Medal at the Pan American Exposition for Fine Garden and Grass Seeds.**

### HARDWARE DEPARTMENT.

We have recently enlarged our business by adding an increased line of fine Hardware. This was done in response to the constant and increasing demand, and you will now be able to secure everything in Farmers', Mechanics' and Builders' Hardware from a clean, fresh stock at prices that will be reasonable. We ask your patronage.

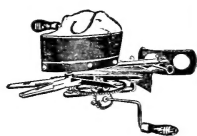
### ASBESTOS SAD IRONS THE BEST AND REASONS WHY.



They are hottest where they should be hot and coolest where they should be cool. They retain their heat, and with two irons will do the work of twice as many irons of any other kind meaning a saving of steps, fuel and space at the stove. They are easily manipulated, UNBREAKABLE, always ready for use.

ASBESTOS Irons have all the advantages and none of the disadvantages found in other irons.

**PRICE \$1.50 PER SET OF THREE.**



#### ALL METAL SEED SOWER.

This is the best of all the many Seed Sowers, very light and durable.

**PRICE, \$2.00**

#### CASH PAID

for Buckwheat, Early Potatoes and Old Pop Corn of good quality.

#### FANCY BASKET WORK MATERIAL.

Raffia.....	per lb.	.35
Raffia, colored.....	"	.75
Reed, No 00.....	"	1 25
" " 1.....	"	.90
" " 2.....	"	.60
" " 3.....	"	.60
" " 4.....	"	.50
" " 5.....	"	.50
Sweet Grass.....	"	2.50

### BARGAINS IN KNIVES, SHEARS, SCISSORS, RAZOR STROPS, ETC.

I bought a stock at a big bargain and will give you the benefit of it.

**Show Cases Counters, Work Bench, Tables, Circular Saw, Lathe, Stoves, Etc., to be sold at a Bargain.**

**NON-WARRANTY.**—F. H. Ebeling gives no Warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs or plants he sends out, and he will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.



# 1868—THIRTY-FOURTH YEAR.—1902.

For thirty-four years this house has been located in the same block, having been established in 1868 by Mr. A. D. Perry. We are pleased to announce that never before have we been better able to meet the requirements of our trade than at the present time. This firm is the only strictly seed-house in Central New York. Importing the finest and choicest varieties of Flower and Garden Seeds—as well as dealing in all the more common sorts of field and garden seeds, implements, drain tile, hardware, etc., and which this catalogue will more fully explain.

**SEEDS.**—Our stock of seeds for 1902 have been most carefully selected—the best only being used for our trade. Our best possible care, skill and attention is devoted to this our special line of business.

**HARDWARE.**—In response to the constant and increasing demand we have added to our stock a large line of Farmers', Mechanics' and Builders' HARDWARE, Glass and Putty, Nails, &c.

Your patronage is earnestly solicited.

We herewith present our Thirty-second Annual Illustrated Catalogue containing a list of Seeds and things necessary for the Farm, Garden, Lawn, Greenhouse, Dairy, Poultry Yard, etc., also call especial attention to our Hardware Stock and Tin Shop. Everything in the line of Tin and Galvanized Iron Work is promptly done. We are better prepared to meet the full requirements of our trade, and thank our many friends for past favors and generous patronage.

## Stabliert 34 Jahre.

Wir übergeben dem geehrten Publikum hiermit unseren 32sten jährlichen Catalog für das Jahr 1902. Derselbe enthält eine vollkommene Liste auserlesenen Sorten frischer Garten-, Feld- und Blumen-Samen, sowie von allen Artikeln, welche für den Landbau, Garten, Allee, Treibhaus, Hühnerhof u. s. w. nöthig sind. In Verbindung mit unserem Laden haben wir auch für die Bequemlichkeit unserer Kunden eine Blech- und Klempner-Werkstätte eingerichtet, auch besorgen wir galvanisirte Eisenarbeit. Dreiunddreißig Jahre war unser Geschäftshaus in ein und demselben Häusergebiert lokalisiert; gegründet wurde dasselbe im Jahre 1868. Dies ist das einzige wirkliche Samen-Geschäft in Central New York. Wir importiren die besten und seltensten Samenarten vom Auslande, besonders für unser Geschäft auserlesen. Wir halten auch Ackerbau-Geräthschaften, Eisenwaren (Hardware), Handwerkszeug, Drainir-Ziegeln, u. s. w. stets auf Lager. Alles Nähere besorgt dieser Catalog. Herr Ebeling, der Eigenthümer, macht es sich zur besonderen Aufgabe, alle seine werthen deutschen Kunden in ihrer Muttersprache zu bedienen, und ist es sein stetes Bestreben, durch freundliche und zuvorkommende Bedienung ihre Kundschaft und Wohlwollen zu erwerben und zu erhalten.

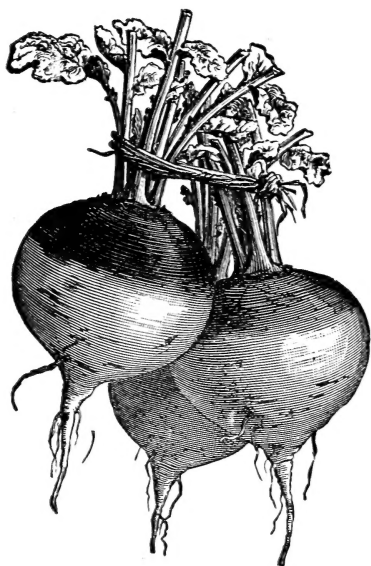
Achtungsvoll zeichnnet,

F. H. Ebeling.

217 Warrenstraße, Syracuse, N. Y. (dem neuen Postamt gegenüber.)

## INDEX OF CONTENTS.

	Page		Page
Seeds, Garden, etc.	1-16	Fencing	57
" Flower	20-33	Maying Tools	58-90
" Field	15-21-36	Implements	49-50 51-52-53
" Grass	15-36	Insecticide and Sheep Dips	42-55
" For Birds and Parrots	2	Lawn Mowers, etc.	33
" Fertilizers and Supplies	84-57	" Supplies and Fertilizers	13-14-36
New Things for 1902	1-13-14-15	Miscellaneous Tools, etc.	17-18-19
Baskets for Berries, etc.	40	Plows	50-51-52-53
Books	15	Poultry Supplies	62-63-64-65
Bulbs, Plants, etc.	47	Plants, Strawberry, Vegetable, Flower, etc.	40-47
Bicycles	40	Potato Planter and Digger	49-50
Cultivators and Drills for Garden, etc.	35-39	Phosphate	57
Dairy Supplies	44-45-46	Tools, Small Hand Tools	17-18 19
Drain Tile	46	Seeders and Planters	48-49
Ensilage Cutters	55	Spraying Pumps	41-42-43
Fertilizers	57	Stock Labels, Hog Rings, etc.	54



Eclipse Be t.

**ASPARAGUS, *Spargel*.**

	Per oz.	Per lb.
Barr's Mammoth.....	\$ 10	\$ 65
Palmetto .....	10	65
Conover's Colossal.....	10	40
Asparagus Roots of the above varieties, per 100.....	1 00	
Special prices for quantities.		

**BEET, *Runkle Rube*.**

	Per oz.	Per lb.
Detroit Dark Red Turnip .....	\$ 10	\$ 65
Crosby's Egyptian early forcing...	10	65
Edmand's Ex. Early .....	10	65
Early Bastian or Lentz.....	10	65
Eclipse Beet.....	10	65
Bassano, early .....	10	65
Egyptian Turnip, extra early .....	10	65
Dewing's Ex. early Blood Turnip	10	65
Lentz or Bastian .....	10	65
Improved Long Blood .....	10	50
Mammoth Long Red Mangel .....	10	20
Yellow Mammoth or Intermediate	10	20
Yellow Ovid Giant.....	10	20
Yellow Globe Mangel.....	10	20
Klein Wanzleben .....	10	35
Vilmorin's Impd. Imperial Sugar.		20
Golden Tankard Sugar .....	10	25
Taber's Gate Post, new mangel...	10	30
Swiss Chard, for greens.....	10	60

**BEANS, (Bush) *Garten Bohne*.**

	Per qt.	Per bu.
Golden Wax, improved.....	\$ 25	\$5 50
Davis Wax .....	25	6 00
New Ferry's Detroit Wax...	25	6 00
Wardwell's Kidney Wax...	25	6 00
White Wax, flat yellow pods.....	25	6 00
Black Wax, yellow pods.....	25	5 00
Golden Eyed Wax .....	25	5 00
Early Long Yellow, six weeks .....	25	4 50
Dwarf Horticultural.....	30	6 00
Improved Valentine.....	25	5 00
Mohawk, one of the earliest	30	4 00
China Red Eye.....	20	4 50
Boston Yellow Eye.....	20	4 50
Refugee Pickling Beans.....	25	4 00
Refugee or 1000 to 1.....	25	4 00
White Kidney .....	20	3 00
White Marrow.....	20	3 00

**BROCCOLI, *Spargel-Kohl*.**

Early, large (French) per oz.....	35
South Hampton " .....	35

**BIRD SEED, Etc.**

	Per lb.	3 lbs for
Canary, best quality .....	10 cts.	25 cts.
Parrot Seed .....	10 "	"
Hemp, re-cleaned.....	10 "	"
Unhulled Rice .....	10 "	"

**BEANS. (Pole or Runners.)**

	Per qt.	Per bu.
Drer's Golden Cluster Wax \$	30	\$7 00
Black Wax, yellow pods.....	30	7 00
Lazy Wife, pole.....	30	7 00
Burpee's Bush Lima, large .....	30	7 00
Early Jersey, Lima, new.....	30	7 00
Siebert's Early Lima .....	30	7 00
Cranberry, Speckled or Wren's Egg.....	30	6 00
Case Knife, white, flat .....	30	6 00
Scarlet Runner.....	40	8 00
White Dutch Runner.....	40	8 00
Onondaga Pole.....	25	6 00
Broad Windsor .....	40	

**BORECOLE or Kale. See Kale Blatterkole.**

	Per oz.	Per lb.
Green Curled or Kale.....	\$ 20	\$ 75
Purple or Brown Kale.....	15	75

**BRUSSELS SPROUTS.**

	Per ez.	Per lb.
Rosen Kohl.....		
Dwarf, Fine French.....	\$ 20	\$2 00

**BIRD SEED, Etc.**

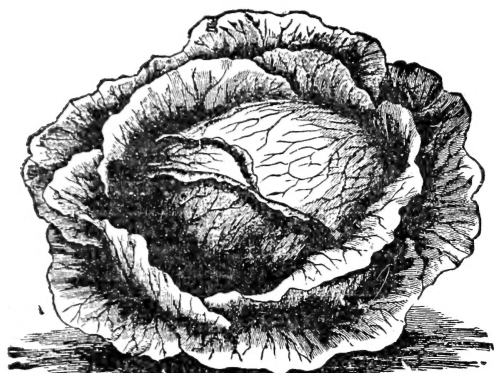
	Per lb.	3 lbs. for
Sunflower .....	10 cts.	25 cts.
Rape .....	10 "	"
Millet.....	10 "	"
Maw.....	25 "	"



EARLY JERSEY WAKEFIELD.

**CABBAGE, Kopf-Kohl.**

	Per oz.	Per lb.
Allen's Early Flat Dutch, see pp. 13	\$0 25	\$2 50
Allen's Market Gardens, see pp. 13.	25	2 50
Early Spring, large flat head.....	25	3 00
Brill's Extra Early Eureka.....	25	3 00
Henderson, early summer.....	25	2 00
Winingstadt, hard early.....	25	2 00
Early Jersey, Wakefield.....	25	3 00
Early Ox Heart, or Etampes.....	25	2 00
Sure Head Cabbage.....	25	2 00
Succession, Long Island grown	25	3 00
Excelsior White Dutch.....	25	3 00
<b>Perry's Premium Brunswick</b>	25	2 50
Fotler's Brunswick.....	25	1 75
All Seasons.....	25	2 50
<b>Danish Ball Head, Imp.</b>	30	3 00
<b>Hollander</b> .....	30	2 50
Gregory's All Season.....	25	2 50
Perry's Premium Flat Dutch	25	2 50
Drumhead (Improved).....	25	2 00
Stonemason Drumhead.....	25	2 50
Marblehead Mammoth.....	20	1 50
<b>Warren Stonemason</b> .....	30	2 50
Early Dark Red, pointed..	25	2 50
Red Dutch, "Erfurt".....	25	3 00
Large Dark Red Drumhead	25	2 50
Large Auber Savoy, new..	25	3 00
Globe Savoy, new.....	25	3 00
Victoria Savoy.....	30	3 00



PERRY'S PREMIUM BRUNSWICK, SHORT STEM.



TRUE ERFURT CAULIFLOWER.

**CAULIFLOWER, Blumen-Kohl.**

Ebeling's Snowball, extra small leaf, fine large head.....	\$3 00
Ebeling's Dwarf, Erfurt, first quality, true.....	3 00
Half Early Paris, large heads.....	75

**Cauliflower Seed**

This we have imported annually from the same growers for many years. It will produce a greater number of perfect heads than any other strain of cauliflower we ever saw. Of all the varieties that have been tried in this market OUR STRAIN OF ERFURT AND SNOWBALL HAVE GIVEN THE BEST SATISFACTION. We have our usual stock of Erfurt and Snowball and we assure you the quality is always the same and no cheap seed offered you in its place. There is no better cauliflower seed in the market, even if you pay fancy prices. Our price is \$3.00 per ounce.

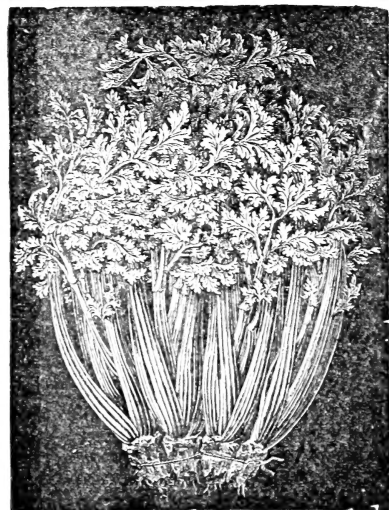
John Cathers, Nathan Rose, Henry Wright, and other leading cauliflower growers in this section, have used our strain of Cauliflower for years and say it is without equal. A sure header, a fine yielder and a money maker.



A Field of our White Plume and Paris Golden Celery.

**PARIS GOLDEN SELF-BLANCHING CELERY.**

Our Golden Self-Blanching Celery is pronounced the very best and most profitable celery in cultivation. It is very early, entirely self-blanching, and can be grown without any banking up or covering whatever, even the outer ribs assuming a yellowish white color. The heart is of a beautiful golden yellow color, very large, crisp and solid. It is unequalled in striking appearance on the table or market stall, and decidedly the best keeper of all the self-blanching varieties. The largest celery growers are now planting their entire early crops in this variety, and those who purchase from us are unanimous in pronouncing our strain the best and purest obtainable. Oz., 30 c.; lb. \$4.00.

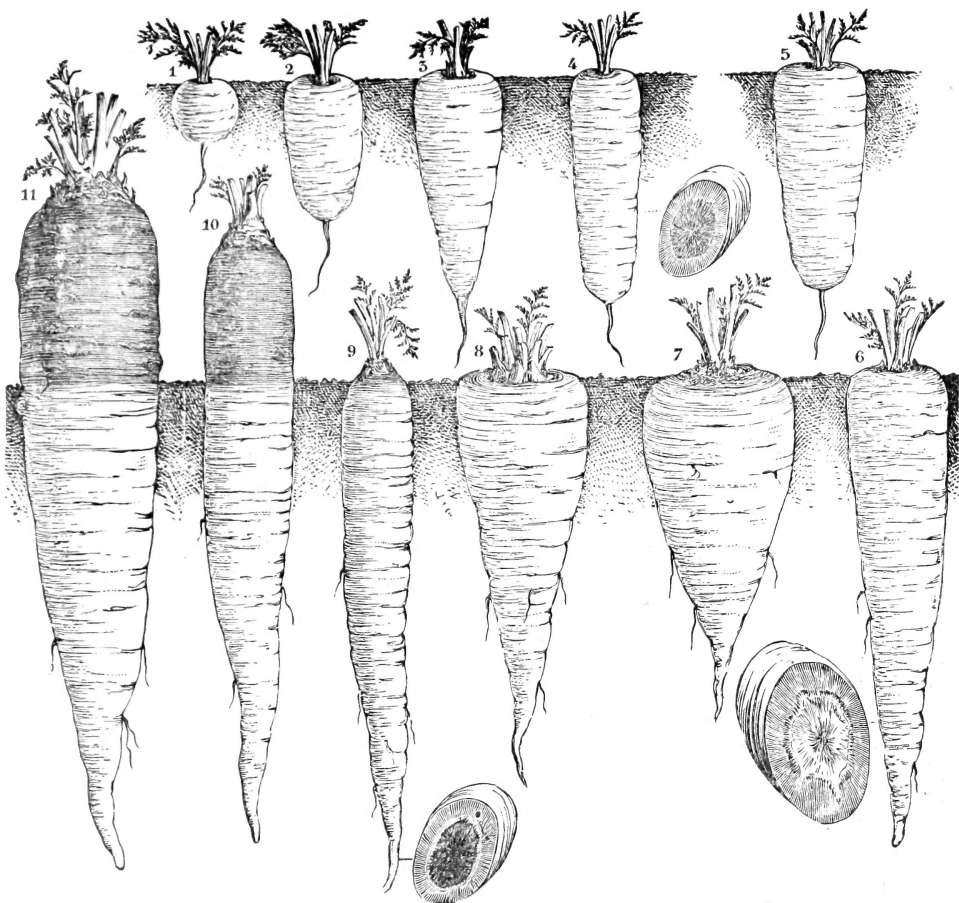
**WHITE PLUME CELERY.****CELERY, *Sellerie*.**

	Per oz.	Per lb.
Evans' Triumph, best late .....	\$ 30	\$ 3 00
Henderson's Pink Plume, new crisp .....	30	3 00
White Plume or Self-Blanching, best .....	20	2 00
White Giant, solid .....	20	2 00
Sandringham Dwarf, white .....	20	2 00
Kalamazoo, large ribbed, white .....	30	1 50
Paris Golden Yellow, large, self-blanching .....	40	4 00
Giant Pascal, large ribbed .....	20	2 00
Boston Market .....	20	2 00
New Rose .....	30	3 00
Perfection Hartwell .....	20	2 00
Golden Heart Half Dwarf .....	20	2 00
Geleriac, Root Celery, apple shape .....	25	2 00
Soup .....	06	40

**CHICCORY, *Chichorie*.**

Improved Large Leaves for Greens ..	15	75
Large Rooted for Coffee .....	15	75

Richard Branson, a market gardener near Eastwood (north of canal), says: "The seeds I bought of you were the best I ever had. The celery and cauliflower were exceptionally fine and gave perfect satisfaction. I am coming in soon and purchase my seeds for this year."



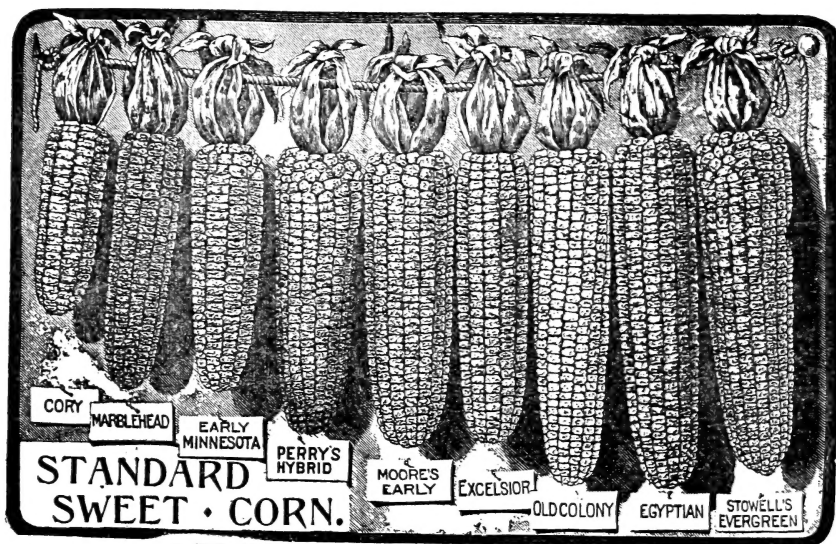
THIS CUT SHOWS THE TRUE SHAPE OF CARROTS

**CARROTS, *Gelbe Ruben*.**

	Per oz.	Per. lb.
Oxheart, (or Guerande).....	\$ 10	\$1 00
1. Early Forcing, nearly round.....	10	1 00
2. Early Horn, early scarlet.....	10	1 00
3. Half long scarlet, pointed.....	10	1 00
4. Half Long Nantes.....	10	1 00
5. Half Long Danvers, rich, dark orange.....	10	1 00
6. Long Orange, below ground.....	10	75
7. Large White Vosges, for cattle.....	10	60
8. Half Long pointed, St. James' new.....	10	65
9. Altringham, red for butter.....	10	60
10. Long Orange, green top.....	10	75
11. Large White Belgium.....	10	60
12. Chantenay Half Long, finest in quality for table.....	10	1 00
13. Meaux Long, red, stump rooted, smooth.....	10	1 00
"Luc" Half Long, stump rooted, fine for main crop, very productive.....	10	1 00

**USE OUR GROUND BONE, SHEEP FERTILIZER AND LAWN SEED.  
GLASS, PUTTY, HARDWARE AND TIN SHOP.**

*Bei uns wird Deutsch gesprochen.*



Add 16 cents per quart by mail.

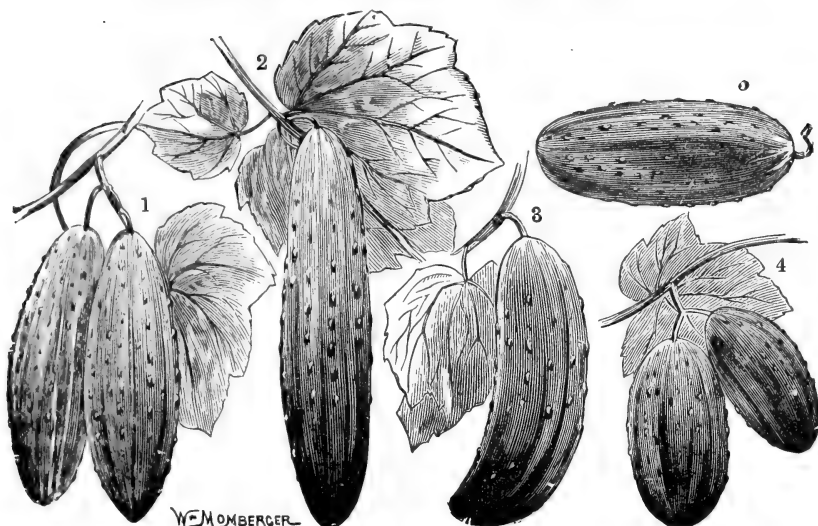
	Per qt.	Per bu.
Early Evergreen, 18 rows, pp. 13.....	\$ 20	\$3 50
Cory Red, earliest.....	20	3 00
Cory White.....	20	3 00
Ne Plus Ultra, new, small, very sweet.....	20	3 00
Mammoth White Cory, 12 row, new.....	20	3 00
Marblehead, extra early.....	20	3 00
Early Monarch, early, 12 row.....	20	3 00
Perry's Hybrid, large, early, 12-rowed.....	20	3 00
Early Minnesota.....	20	3 00
Crosby Early.....	20	3 00
Ballard's Red Cob.....	20	3 00
Moore's Early Concord.....	20	3 00
Asylum, large, fine.....	20	3 00
Shaker's, large, early.....	20	3 00
Egyptian, large, late.....	20	3 00
Stowell's Evergreen, extra fine, true.....	20	2 50
Shoe Peg Evergreen, Ne Plus ultra.....	20	3 00
Country Gentleman.....	20	3 00
Mexican Black.....	20	3 00
Hicox's Improved Sugar.....	20	3 00
Potter's Excelsior.....	20	3 00
Mammoth Sugar.....	20	3 00
Rice Pop Corn.....	10c. lb.	
Angel of Midnight Corn.....		1 50
Eight-Rowed Yellow.....		1 25
Pride of the North.....		
Leaming, Early Fodder Corn.....		
Our Genuine "Sou" Fodder Corn.....		
Evergreen Sweet Corn for Fodder.....		
	Market Price.	

	Per oz.	Per lb.
<b>CORN SALAD, <i>Ackersalat</i></b> Large Round Leaved or Small Seeded.....	\$ 15	\$1 00
<b>CHERVIL, <i>Gartenkerbel</i></b> . Curled.....	20	2 00
<b>CRESS OR PEPPERGRASS, <i>Kresse</i>,</b>		
Cress, Garden Curled.....	10	75
Water Cress.....	25	2 50
Dwarf, Fine Curled.....	10	75

SPECIAL PRICE ON SEED FOR CASH. BARGAINS IN PLOWS.

HARDWARE, GLASS, PUTTY AND MASTICA.





W. H. MONBERGER

GROUP OF CUCUMBERS.

THE ABOVE SHOWS THE TRUE TYPE OF CUCUMBERS.

No. 1, Early Cluster; 2, Long Green; 3, Early Frame; 3, Early Russian; 5, White Spine.

**CUCUMBUR, Gurke.**

Per oz. Per lb.

Hill's forcing early White Spine, heavy bearer, especially fine for forcing see pp. 13.....	\$ 20	\$1 00
Fordhook White Spine.....	10	50
Green Prolific, extra early.....	10	50
Early Russian.....	10	50
Early Frame.....	10	50
Early Cluster.....	10	50
White Spine, Imp'd ext. stock.....	10	50
Early Boston Market, ext. stock.....	10	50
Long Green.....	10	50
London, or Extra Long Green.....	10	50
Burpee's White Wonder, new.....	25	75
Parisian Long White Ridge.....	per pkt.,	10
Giant Pera.....	"	20
Telegraph, per doz., seed.....	"	25
West Indian Gherkin.....	"	25

**EGG PLANT, Eierpflanze.**

Per oz.

Per lb

Large Purple Egg Plant.....	\$ 35	\$3 00
New York Improved.....	35	3 00
Black Pekin.....	30	3 00

**ENDIVES, Endivien.**

Green Curled Winter.....	20	1 25
Fine Curled Summer.....	20	1 50
Broad Leaf (or Escarola).....	20	1 50

**GARLIC, Knoblauch**

Sets 10 80

HERBS. See Page 12.

**KALE, or Borecole. See Borecole.**

Green Curled.....	15	85
Siberian Curled (German Greens).....	15	75

**KOHL RABI.**

White, above ground.....	25	2 00
Purple, ".....	25	2 50

**LEEK, Lauch.**

London, broad flag.....	35	1 00
Large Rouen.....	25	1 25
Lentils (Linsen).....	10	50



ENDIVE.



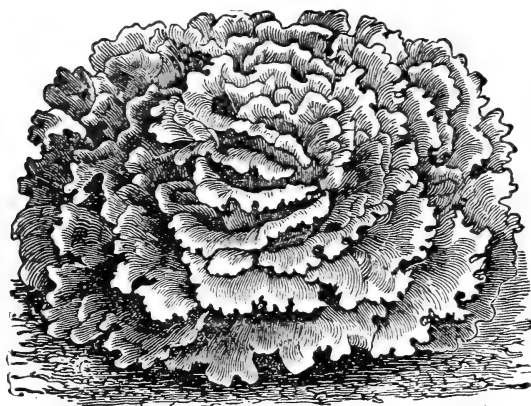
KOHL RABI.

Patronize Our New Hardware Dep't and Tin Shop.

Bei uns wird Deutsch gesprochen.

**LETTUCE, *Salat*.**

	Per oz.	Per. lb.
Onondaga Market Garden, very best for Green House.....	\$0 20	\$2 00
Grand Rapids, new forcing.....	20	2 00
Denver Market, early head Lettuce.....	20	2 00
Brown Dutch.....	20	2 00
Chartier.....	20	2 00
Green or Red Fringed.....	20	1 50
Boston Market.....	20	2 00
Satisfaction.....	20	2 00
Boston Curled, fine for hot bed.....	20	1 50
Early Curled Simpson, black seed.....	20	1 50
Early Curled Silesian.....	20	1 50
Golden Stone.....	20	2 00
Ice Drumhead.....	20	1 50
Hanson Head.....	20	2 00
New York Head.....	20	2 00
Batavian Brown Head.....	20	1 50
India or Prize Head.....	20	1 50
Tennis Ball.....	20	1 50
White Cos.....	20	2 00



ONONDAGA LETTUCE.

**MUSK MELON, *Melone*.**

	Per oz.	Per lb.
Onondaga Musk Melon, new, see description pp. 13.....	25	2 00
Paul Rose, very fine, salmon fleshed.....	20	75
Rocky Ford, new, green flesh.....	20	1 00
Delmonico Round, deep orange, very productive, early.....	10	75
Grand Rapid Market Musk Melon, largest early Melon, salmon flesh.....	10	75
Surprise, round, yellow fleshed, medium size.....	10	75
Miller's Cream, very fine, salmon flesh.....	10	75



PAUL ROSE MUSK MELON.

Tip Top, a very fine salmon fleshed market melon.....	10	75
Emeral Gem.....	10	75
Orange Christiana, fine netted, yellow flesh.....	10	75
Pineapple, green flesh, oval.....	10	75
Nutmeg, fine netted, extra early green.....	10	75
Bay View, large, green fleshed, fine for a large melon.....	10	75
Large Nutmeg or Improved Cantelope, green flesh.....	10	75
Montreal Market Musk, yellow.....	10	75
Hackensack, very fine, yellow.....	10	75
Osage, large, salmon color.....	10	75

**WATERMELON, *Wassermelone*.**

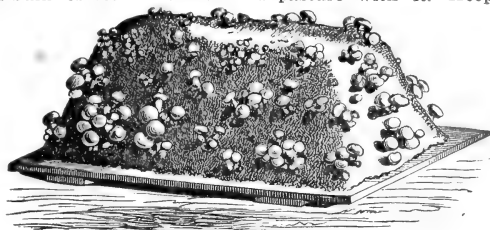
	Per oz.	per lb.		Per oz.	per lb.
Sweet Heart, early, large, handsome.....	10	60	Mountain Sweet, old favorite.....	10	60
Green and Gold, new, fine.....	10	60	Black Spanish, round, dark green, with red flesh.....	10	60
Seminole.....	10	60	Icings or Ice Cream, white seeded.....	10	60
Cuban Queen Extra.....	10	60	Green Citron, for preserves.....	10	60
Phinney's Early, red flesh and solid.....	10	60	Scaly Bark, highly recommended.....	10	60
Cole's Early, very early, bright red.....	10	60	Kolb's Gem.....	10	60



## MUSHROOM SPAWN.

**CAMPGNION, FRENCH.** Culture—Mushrooms may be grown in cellars, under benches of green-houses or in sheds, wherever the temperature of 50 degrees can be kept up throughout the winter. The beds should be made from November to February, according to the time the Mushrooms are wanted, and it requires about two months for them to begin bearing. Secure fresh horse dung, free from straw and litter, and mix in it an equal bulk of loam from an old pasture with it. Keep

this under cover, taking care to turn it every day to prevent heating, until the pile is large enough to make a bed of the required size. Three or four feet wide, eight inches deep, and any length desired, are the proper proportions for a bed; but these may be varied. Prepare the mixture of loam and manure making the bed in layers and pounding down each with the back of a spade. Leave this to heat through for a few days and as soon as the heat subsides to 90 degrees, make holes in the bed about a foot apart each way, into which put pieces of the spawn two or three inches in diameter; fill up the holes with the compost, and at the expiration of a week or ten days the spawn will have thoroughly diffused itself through the



MUSHROOM BED.

bed. Spread a layer of fresh soil over the heap to the depth of two inches, and cover with three or four inches of hay, straw or litter. Examine the bed often to see that it does not get dry. Take special care, however, when water is given, that it be at a temperature of about 100 degrees. Price, 25c. per lb.

	Per oz.	Per lb.
MARTYNA, for Pickles...	\$0 40	\$3 25

	Per oz.	Per lb.
NASTURTIUM, <i>Kapusinerblume</i> .		
Tall. (See Flower Seed).....	10	75
Dwarf.....	15	85

	Per oz.	Per lb.
OKRA or GUMBO, <i>Essbarer</i> .		
Dwarf, White.....	10	75

	Per oz.	Per lb.
Spaller's Yellow Oval Globe,		
(See pp. 13).....	\$0 20	\$1 50

	Per oz.	Per lb.
Michigan Yellow Globe, very fine.....	20	1 20

	Per oz.	Per lb.
Yellow Danvers, improved best stock.....	20	1 00

	Per oz.	Per lb.
Prize Taker.....	20	1 40
Australian Brown.....	20	1 00

	Per oz.	Per lb.
Early Red, extra early, flat.....	20	1 25
Southport, Red Globe.....	20	2 00
Large Red Wetherfield.....	20	1 25
California Early Red.....		1 25

	Per oz.	Per lb.
Bolton Seed produces the Bol-		
ton Sets.....	25	2 50

	Per oz.	Per lb.
White Silverskin or Portu-		
gal for bunching.....	25	2 50
Southport White Globe.....	25	2 50
Mammoth Silver King.....	25	2 50

	Per oz.	Per lb.
Top Onion Sets,		
Bolton.....		
Yellow.....		
White.....		
Potato.....		

	Per oz.	Per lb.
Market Price.		

	Per oz.	Per lb.
PARSLEY, <i>Petersilie</i> .		
Champion Moss Curled.....	10	75
Fern Leaved.....	10	76
Extra Double Curled.....	10	75

	Per oz.	Per lb.
PARSNIPS, <i>Pastinake</i> .		
Long White.....	10	50
Hollow Crown, thick shoulder....	10	50

	Per oz.	Per lb.
PEPPER, <i>Pfeffer</i> .		
Rose Mammoth, see pp. 13..	40	3 00
Bell or Bull Nose, extra large.....	25	2 50
Ruby King, extra large.....	25	2 25
Long Red Cayenne.....	25	2 50
Mountain Sweet, for stuffed pickles	25	2 50
Celestial, new.....	25	2 50
Red Cluster or Red Cherry.....	25	2 50
Chili, small, for pepper sauce.....	25	2 50

	Per oz.	Per lb.
BELL OR BULL NOSE.		

	Per oz.	Per lb.
HARDWARE GLASS AND PUTTY.		

	Per oz.	Per lb.
SEE OUR WHIP BARGAINS.		

	Per oz.	Per lb.

	Per oz.	Per lb.

	Per oz.	Per lb.

	Per oz.	Per lb.

	Per oz.	Per lb.

	Per oz.	Per lb.

	Per oz.	Per lb.

PEAS. <i>Erbsen.</i>	Extra Early Sorts.	Per qt.	Per bu.
Gradus or Prosperity, pods big as Telephone, early as Alaska.....		\$ 50	\$
Bergen Fleetwing, very fine, early.....		25	4 75
Cleveland's Alaska, one of the earliest blue peas.....		25	5 50
Earliest of All.....		25	5 00
Perry's Forty-two Day, the best extra early.....		25	5 00
Philadelphia Extra Early, resembling First and Best.....		25	5 00
Carter's First Crop, 2½ feet.....		25	5 00
Improved Daniel O'Rourke, 2½ feet, a favorite among gardeners.....		25	5 00

**Dwarf Varieties.**

*Nott's Excelsior, early, large, and pod very prolific.....	\$ 30	\$
*Blue Peter, green, smooth, 1 foot.....	30	6 00
*American Wonder, green, 1 foot, extra early and productive.....	30	6 00
*Premium Gems, very early, fine dwarf.....	30	6 00
*McLean's Little Gem, very fine, popular, 1 foot.....	30	6 00

**Second Early and Late Varieties.**

*Improved Stratagem, 1 to 2 feet, vigorous, one of the very best.....	\$ 30	\$5 50
*Bliss, Abundance.....	35	5 00
Bliss; everbearing.....	25	5 00
*McLean's Advancer's True, long pods, fine quality, 2½ feet.....	25	5 00
*Champions, very fine, old favorite, 4 feet.....	25	4 00
*Horsford's Market Garden, good cropper, 2½ feet.....	25	5 50
*Ebeling's Telephone, the finest large second early pea in the market, 3 ft.....	25	5 00
*Yorkshire Hero, large, late, very productive, 2 feet.....	25	4 50
Melting Sugar, edible pods.....	25	5 00
Gray Sugar, edible pods.....	25	5 00
White Dwarf Marrowfat, 2 feet.....	15	3 00
Black Eyes, very early and prolific, 3 feet.....	10	2 50
Canada Field.....	1 25 to	1 50

Wrinkled varieties marked thus \*. Prices subject to change without notice. Peas were only one-third of a crop; so do not delay in your orders, as prices will rule high.

**DAY & BEARD TESTIMONIAL.**

WATERLOO, N. Y., January 7, 1902.

MR. F. H. EBELING:

Sir:—The past two years have been severe, in many cases, on the vitality of seeds. We, like many others, have purchased some in many places, but our great majority of you, and we can truthfully say that we would have been just as well off had we placed our entire order with you. The coming season we shall endeavor to do a larger business with you than ever. Your promptness and carefulness for our interest, for such a long term of years, are justly entitled to the best trade we can give you.

Yours very respectfully,

DAY & BEARD.

**POTATOES. *Kartoffel.***

Ohio, Jr.....	} Prices	
Early Bovee.....		
Early Maine.....	} Application.	
Early Ohio.....		
Freeman.....		
Early Rose.....		
Beauty of Hebron.....		

**PUMPKIN SEEDS. *Kurbiss.***

	Per lb.	Per bu.
Connecticut Field.....	\$ 15	\$3 00
Cheese Pumpkin.....	60	
Cashaw Pumpkin, fine table.....	75	
Mammoth Prize Pie, per pkt.....	10	

**150,000 BERRY BASKETS for Sale**

And CRATES to Match. Correct shape and size.

Hardware of All Kinds. We Have It—We Sell It.

Bei uns wird Deutsch gesprochen.

# **RADISH, *Radischen.*** *Our Radish Seed is the very best.* *Special Prices in Quantities. French Stock.*

	Per oz.	Per lb.
<b>Golden Globe</b> .....	\$ 10	\$ 90
Early Scarlet Globe .....	10	75
Rosy Gem .....	10	75
Ne Plus Ultra Deep Scarlet Turnip.....	10	90
Half Long, Deep Scarlet .....	10	75
Early Scarlet Turnip, white tipped .....	10	75
Early Deep Scarlet Turnip, forcing .....	10	75
Early White Box or Turnip.....	10	75
Early Deep Scarlet, olive shape, small top.....	10	75
White Olive Shaped or Newcome.....	10	75
Yellow Turnip, new.....	10	75
<b>French Breakfast, white tipped</b> .....	10	65
White Giant Stuttgart, summer .....	10	75
Early Long Scarlet, short top .....	10	75
Wood's Early Frame, forcing .....	10	75
White Vienna or Lady Finger.....	10	76
Chartier Long, white tipped.....	10	75
Scarlet Chinese Rose Winter, fall variety .....	10	75
Long Black Spanish, winter.....	10	60
White Giant Spanish.....	10	60
Gray Long, winter.....	10	60
White Strasburg or Hospital.....	10	60
White Russian, very large .....	10	75
California Mammoth White China.....	10	75

**SAGE**..... 20 2 00

**RAPE**—Dwarf Essex. See pp. 15. Per lb. .... 10  
 Per 100 lbs., \$6.50.

## **SALSIFY, or Vegetable Oyster, *Bocksbart.***

Large White.....	10	1 00
Mammoth Sandwich Island, new.....	10	1 25

**SORFEL, Large Leaved French**..... 10 1 00

## **SPINACH, *Spinat.***

25 to 100 lbs. lots, special prices.

**Round-Viroflay (Thick-leaved).** Has very large, thick, dark green leaves; the favorite market gardener's sort for fall or spring sowing.....oz. 5c; lb. 25c

**Curled Leafed Savoy, or Bloomsdale.** Large curled and wrinkled leaves; tender, and of the finest flavor.....oz. 5c; lb. 25c

**Long-standing (Round Thick-leaved).** Dark green; leaves large and thick; very long-standing before running to seed; the best for spring growing.....oz. 5c; lb. 25c

**Victoria (new).** Extra dark black-green color; two or three weeks later than the ordinary "Long-standing"; a fine variety for spring sowing.....oz. 5c; lb. 25c

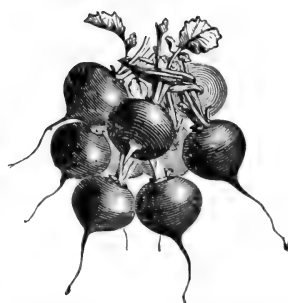
**Prickly, or Winter.** Vigorous and hardy, and recommended for fall sowing.....oz. 5c; lb. 25c

# **SQUASH, *Kurbis.***

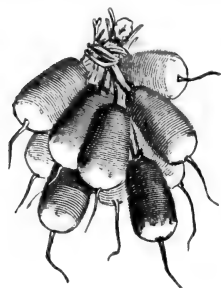
	Per oz.	Per lb.		Per oz.	Per lb.
Golden Hubbard,.....	\$ 10	\$ 1 00	Canada Crook neck, winter.....	\$ 10	\$ 75
Golden Bush Scallop.....	10	65	Boston Marrow, old variety, fall.....	10	65
Early Scallop, white.....	10	65	Butman, nearly like Hubbard.....	10	65
Giant Summer, Crook-neck.....	10	65	Marblehead, like Butman.....	10	65
The Faxon, new, very early.....	15	75	Mammoth Chili.....	10	65
Hubbard, winter, extra stock.....	10	65	Winter Crooked-neck.....	10	75
			Fordhook.....	10	75

# **Tobacco Seed, *Tobak Samen.***

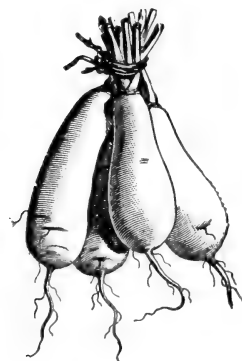
	Per oz.	Per lb.		Per oz.
Connecticut.....	\$ 40	\$ 4 00	Wilson's Hybrid Seed.....	\$ 1 00
Primus, new, very hardy, Virginia.....	1 00	.....	Haynes, sealed packages .....	1 00
			Spanish-Zimmer, new.....	1 00



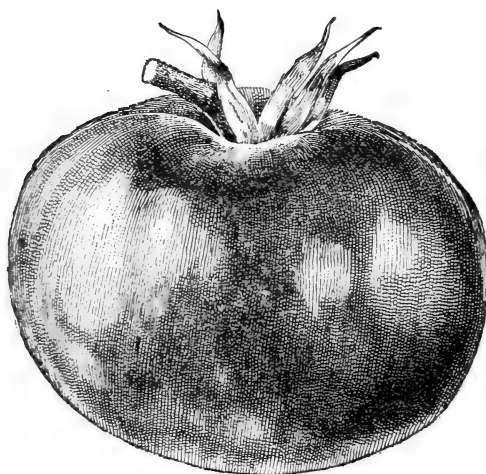
DEEP SCARLET TURNIP  
RADISH. Small Top. New.



FRENCH BREAKFAST  
RADISH.



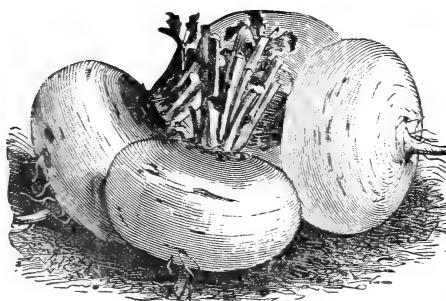
CHINESE ROSE WINTER  
RADISH.

TOMATO. *Liebesapfel.*

Dwarf Champion.

Yellow Plum.....	5c paper
Plentiful, new.....	15c "
Purple Husks.....	5c "

	Per oz.	Per lb.
Dwarf Aristocrat.....	\$0 25	\$2 50
New stone.....	25	2 50
Optimus.....	25	2 50
Scarlet Champion.....	25	3 00
Livingston's Magnus, new..	30	3 00
New Scarlet Stone.....	25	2 50
Early Michigan, very early	25	3 00
Earliest of All.....	25	3 00
Early Ruby, bright scarlet..	25	3 00
Atlantic Prize, bright red..	25	2 00
Ignotum, new, deep red....	25	2 00
Prelude, extra early.....	25	2 00
Dwarf Champion, pink.....	25	2 50
Scovill's Hybrid.....	25	2 50
Livingston's Beauty, pink red.....	25	2 25
Livingston's Favorite, pink	25	2 25
Livingston's Perfection, scarlet.....	25	1 75
Acme, purple.....	20	2 00
Lorillard, early, bright red	25	2 50
Cardinal.....	25	2 00
Golden Trophy.....	25	2 00
Paragon, bright red.....	25	2 25
Ponderosa, very large, solid	25	3 00
Trophy, large and solid....	25	2 25
Large Smooth yellow.....	25	3 00

TURNIP. *Steckrube.*

Early White Stone Turnip.

	Per oz.	Per lb.
Purple Top, flat strap leaf.....	\$ 10	\$ 40
Mammoth Purple Top Globe.....	10	50
Golden Ball or Orange Jelly.....	10	50
White Norfolk, large fine summer globe shape.....	10	50
Early White Stone, very fine.....	10	50
White Dutch.....	10	50
Yellow Aberdeen.....	10	50
White Sweet Waldo or German, one of the finest Rutabagas.....	10	50
Skirving's Rutabaga, purple top....	10	50
Laing's Improved Swede.....	10	50
Carter's Improved Sweede, yellow..	10	50
Extra Early White Milan.....	10	75

## SWEET HERBS.

	Paper.		Paper.
Anise, seeds aromatic.....	5c	Mint (Peppermint).....	5c
Balm, has medicinal qualities.....	5c	Rosemary, aromatic.....	5c
Basil Sweet.....	5c	Rue, medicinal qualities.....	5c
Borage, leaves used for salad.....	5c	Saffron, medicinal qualities, also dyeing	5c
Caraway, seeds aromatic.....	5c	Sorrel.....	5c
Coriander, seeds aromatic.....	5c	Sage, culinary herb, 30c. per oz., \$2.00 per lb.	
Dill, seeds aromatic and medicinal.....	5c	Savory Summer, culinary herb.....	5c
Fennel Sweet, seeds aromatic.....	5c	Tarragon or Estragon (Roots).....	
Horehound, medicinal qualities.....	5c	Thyme, culinary herb.....	5c
Lavendar, leaves aromatic.....	5c	Wormwood, medicinal qualities.....	5c
Marjoram, leaves used in seasoning.....	5c		

## GREAT BARGAINS IN WHIPS.

Bei uns wird Deutsch gesprochen.

Hill's Forcing Early white spine CUCUMBER—(NEW). Very prolific, fine quality, very early. One of the best forcing sorts known. Ounce, 10c ; lb., \$1.00.

Allen's Early Flat Dutch—A remarkably fine strain; a sure header, the heads weighing from 10 to 12 pounds. Most valuable for forcing, or for general crop.

Allen's Market-Gardener's Private Stock Flat Dutch—Fine strain of the immense WINTER CABBAGE grown on Long Island for market. \$2.50 per pound.

## KOCHIA SCOPARIA, or World's Fair Wonder,

2½ Feet High, Conical in Shape; Very Handsome for Borders, &c.

This very distinct and highly ornamental annual plant is not of recent introduction, but is so meritorious and so little known that we are justified in placing it among our choice novelties for 1902. The plants grow freely from seed sown in the open ground, when the trees are coming out in leaf, and from the earliest stage of growth in the spring until they reach maturity in the fall the plants are always of the rounded or globe-like form. The plants branch freely, and the stems are clothed with slender light-green leaves. Early in the fall the ends of the shoots are thickly set with small bright-scarlet flowers,—the bushy plants resembling balls of fire. The plants are equally showy planted singly to show the round ball-like form on all sides or grown in continuous rows or hedges. Highly recommended. Per pkt., 10 cents. 3 packets for 25 cents.

## THE ROSE MAMMOTH PEPPER

Is a very large early variety of recent introduction by us, being a strong, vigorous grower, reaching a height of nearly two feet; very prolific yielder. The pods are very large, handsome, flesh thick, and mild. A great favorite with the market gardener. The earliest and best of all the large red sorts known. Price, 40c per oz.; per lb., \$3.00.

## Spaller Yellow Globe Onion.

\* This magnificent type of OVAL GLOBE has been secured by careful and systematic selection, and for shape, size, color and market value is unequalled. We have a limited quantity. Price, per oz., 10c; lb., \$1.50.

## JAPANESE FERN BALL.

18 to 24 Inches Across.

This little beauty from Japan is the finest addition to the Fernery yet introduced, and the most satisfactory house fern ever offered.

*Directions* :—Place ball in water for several hours and then suspend in any desired position; repeat every two days until growth has started, after which water occasionally as required, being careful that it does not become dry. The greater the growth the more water will be required to keep the ferns in a flourishing condition. To use in fern dish cut ball in halves, placing flat side down, thus getting two dishes of beautiful ferns. The Fern Ball may be allowed to dry up at any time and be set away, and started again by watering as before.

The FERN BALL will be from one to four weeks in starting, according to degree of heat and moisture. Do not expose to direct rays of sun.

300 years.

Chas. B. Day, Waterloo, N. Y.,	18 years
J. N. Rose, Syracuse, "	33 "
S. B. Babcock, Fulton, "	25 "
Albert Wright, Syracuse, "	33 "
Henry Burt, Syracuse, "	30 "
Wm. Lambert, Salina, "	20 "
James McClure, "	20 "
John Butler, Onondaga Valley, N. Y.	30 "
A. H. Ballard, East Onondaga, "	20 "
Geo. Craddock, Onondaga, "	33 "
Henry Wright, Syracuse, "	33 "
and many others.	

### Iron Age Riding Cutivators.

We refer to these farmers who use the "Iron Age."

Fred Smith,	Amboy, N. Y.
Wm. McCarthy,	" "
Will Clark,	Marcellus, "
Wm. Eastwood,	Liverpool, "
Geo. Delong,	Euclid, "
Robert Melvin,	Woodard, "
James "	" "
Grove "	" "
Geo. Redhead,	No. Syracuse, "
Jacob Nottingham,	Syracuse, "
Averill & Gregory,	Syracuse, "
Mr. Wheaton,	Camillus, "
P. B. Parsons,	Fairmount, "

### Robins Potato Planters.

We refer you to any of these for reference:

Chas. F. Ferris,	Manlius, N. Y.
Frank Horle,	East Onondaga, "
Oliver Ormsbee,	Fairmount, "
Pendergast Est.,	Phoenix, "
D. R. Overacre,	Salina, "
C. C. Wilcox,	Oswego, Falls, "
T. D. Mitchell,	Weedsport, "

### We Refer to the Following on Incubators and Brooders.

Fred. P. Sampson,	No. Syracuse, N. Y.
C. D. Avery,	Avery Ave., Syracuse, "
A. S. House, 885 S. Beech St.,	Syracuse, "
Yates Farm,	Fairmount, "
Geo. Hamilton,	No. Syracuse, "
E. Hellar,	Amboy, "
and many others.	

E. C. Edwards,	Fayetteville, N. Y.
W. H. Button,	Liverpool, "
Ed. Harradence,	Onondaga Valley, "
Geo. Williams,	Salina, "
State Farm	
Jacob Crouse est.	
W. E. Wallace,	No. Syracuse, "
Thos. Clary,	Woodard, "
E. Little,	Cicero, "
Frank Allen,	Fayetteville, "
and scores of others.	

### Mowers, Reapers, Binders.

A few who use our machines. Ask them.

R. B. Wilcox,	Dewitt, N. Y.
A. E. Baker,	No. Syracuse, "
J. S. Martin,	Dewitt, "
A. C. Bethka,	East Syracuse, "
Dr. D. S. Evans,	Fayetteville, "
J. B. Dewey,	Van Buren, "
W. C. Hunt,	Liverpool, "
John Ball,	Collamer, "
W. G. Broad,	Onondaga, "
H. C. Card,	Cedarvale, "
and hundreds of others.	

### Plows.

We refer to the following and hundreds of others who are using our plows:

Dr. D. S. Evans,	Fayetteville, N. Y.
Chas. Lee,	Minoa, "
C. H. Dewitt,	Kirkville, "
Chas. Rowley,	Dewitt, "
Chas. Montgomery,	Jamesville, "
W. H. McCarthy,	East Onondaga, "
J. Randall,	Onondaga Hill, "
Edgar Bowen,	Onondaga Valley, "
Chas. Latter,	East Onondaga, "
W. E. McEvers,	Apulia, "
Jason Stearns,	Cardiff, "
Jno. Mahan,	Otisco, "
Chas. Martin,	Fairmount, "
J. F. Kimberly,	Amboy, "
Edward Hermans,	Camillus, "
D. C. Woerner,	Liverpool, "
David Frick,	Cigarville, "
Thurston Barker,	Cigarville, "
H. E. Hoyt,	Cicero Centre, "
Jno. Mogg,	Euclid, "

**EBELING'S DANISH CABBAGE.**

The greatest shipper and keeper on the market. We have a very fine stock of this celebrated seed which is imported direct from the grower in Denmark for our trade. I have had this same strain for years. There is none equal to it.

Price \$3.00 per lb.



DANISH BALL HEAD CABBAGE.

**AWNLESS BROME GRASS.**

(*Bromus Inermis*)

Will stand long droughts and produce heavy crops in dry sections where other grasses would perish. It has also proved one of the hardiest grasses. Will succeed in a wider range of temperature than any other grass. Will also grow and produce satisfactory crops on soil too poor to support Timothy and many other grasses.

Price \$2.75 per bu. of 14 lbs.

**DWARF ESSEX****R A P E .**

The true Dwarf Essex Rape is valuable as a fattening food for pasturing sheep in autumn. It is particularly adapted as a "catch crop," for it grows best late in autumn. In the Northern States it can be sown at any time from May until the end of August, but in the Southern States it should not be sown until September or October for winter pasture. Its fattening properties are said to be twice as good as clover. Sow ten or twelve pounds per acre in drills fifteen inches apart. When sheep are feeding on Rape they should at all times have access to salt. Per lb., 8c; 100 lbs., \$6.50.

**...SPELTZ...**

The Wonderful Grain From Russia.

Russia has given us *Bromus Inermis*, the most notable addition to our list of grasses in many years. She has come to the front with a grain which is fully demonstrated to be of value for growth on poor soils and in droughty sections. It is neither wheat, rye nor barley, and yet it appears to be a combination of these. It is more like wheat than any others mentioned. For fattening cattle, poultry, horses, sheep, pigs, etc., it is claimed to be ahead of other grains. In fact, all kinds of animals seem to thrive on it. Yields 80 bushels of richer food than corn, besides giving as much as four tons of good fodder per acre. Excellent for pasture and can also be fed in the green state. As a green grass hay food it often gives 100 leafy stalks from one seed, which shows its heavy stooling properties. The heads are somewhat similar to two-rowed barley, the spikelets being separated from each other in such a manner that the crop is not easily injured by the weather. Will grow well and produce good crops on poor soil. Dry weather appears to have no effect on it. Every farmer should grow it.

The culture of Speltz is very simple. Prepare your land as you would for wheat or oats, and sow at the rate of 50 to 60 pounds to the acre. In the green state it makes an excellent pasture. Cut when the grain is past the middle stages of milk, when it will make splendid grain and lots of straw hay of excellent quality. Thrush like wheat, but not so closely. The hull and kernel can then be fed or first ground. Pkt. 10c; lb., 20c; 25 lbs. \$1.00; 100 lbs \$3.50.

**Barley, Spring Rye, Spring Wheat and Seed Oats.**

We offer choice well cleaned, true to name, varieties of SEED at reasonable prices.

**BEARDLESS BARLEY**—A fine yielder. Strong growth of straw. A barley without the objectionable beards, giving it a superior feeding value. These features combine to make it the best and most profitable Barley known. Beardless Barley was introduced by us several years ago, and has proved to be very popular. Price \$1.00.

**BUCK WHEAT**—\$1.00 per bushel.

**SPRING RYE**—We offer a fine crop of Spring Rye at \$1.40 per bushel.

**SPRING WHEAT**—We can supply SPRING WHEAT at market prices.

**WHITE SEED OATS**—We offer choice well cleaned, true to name, varieties of Seed Oats at reasonable prices.

**COW PEAS**—\$2.75 per bushel.

# True Type of Common MILLET.

Note the contrast between this and the Southern Golden Millet.

The True Southern Golden is the only Millet worth sowing—it yields immensely and grows quickly into a big fod-

der. We have a fine stock of the True Golden Millet, which is worth ten times as much as the "Common."

This will grow a crop six feet high on good soil.

Golden Millet, \$2.00 per bu.  
Common Millet, 1 20 "

Also offer fine stock Hungarian Millet.

## Clover, Grass and Field Seeds.

Clover, Red.  
" White.  
" Crimson.  
" Alfalfa.  
" Alsike.  
" Bokhara.  
" Saitfoin.  
Timothy, Recleaned.  
" Choice.  
" Prime.

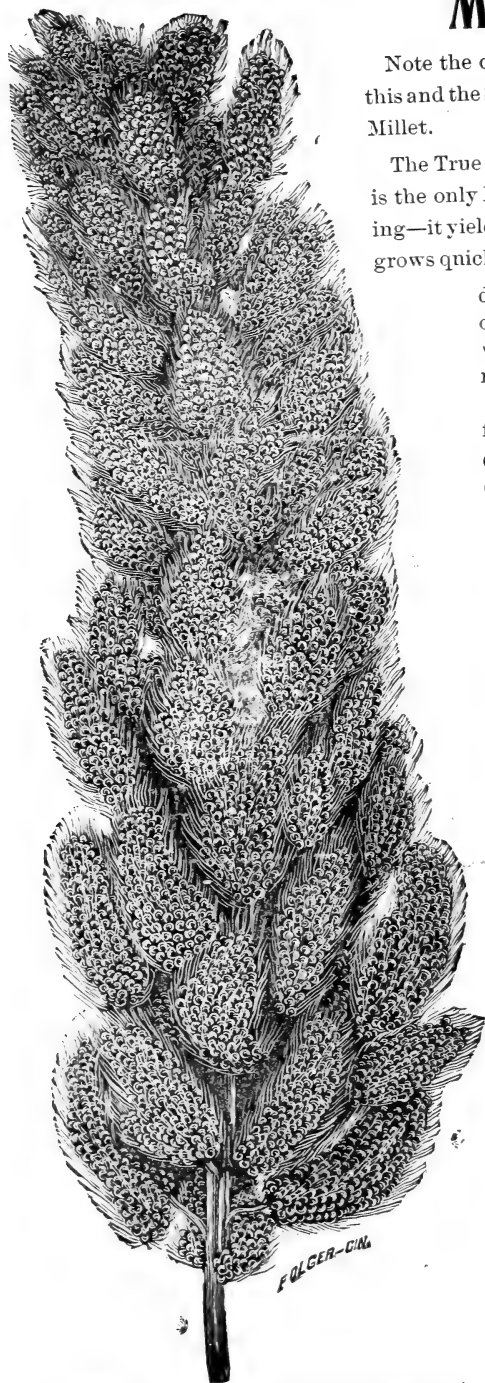
Red Top.  
Blue Grass.  
Orchard Grass.  
Millet, German.  
" Hungarian.  
" Common.  
Barley.  
Buckwheat.  
Amber Cane.  
Dwarf Essex Rape.

Peas, Canada.  
" Black Eye.  
" Early and Late.  
Rye, Spring.  
" Winter.  
Corn, Leaming.  
" Pride of the North.  
" Sweet.  
" Pop.  
" Field.  
Wheat, Spring.  
" Winter.  
Oats, Seed.  
" Winter.  
Flax Seed.  
Broom Corn.  
Quack Seed.  
Cow Peas.

## Special Grasses.

	Wt. lb.	Per lb.	10 lbs.
Awnless Brome Grass	14	25c.	\$2 50
Creeping Bent	20	30c.	2 25
Meadow Foxtail	7	35c.	3 75
Sweet Vernal	10	20c.	1 75
Tall Oat Grass	10	20c.	2 00
Crested Dogtail	21	45c.	4 50
Sheep's Fescue	12	25c.	2 25
Hard Fescue	12	15c.	1 50
Meadow Fescue	22	15c.	1 50
Tall Meadow Fescue	14	25c.	2 50
Red Fescue	14	25c.	2 25
Rough Stalked Meadow	14	35c.	3 25
Italian Rye Grass	18	13c.	1 25
Wood Meadow Grass	14	40c.	3 50

Special prices given for quantities on any of the above varieties.



True Southern Golden Millet.



## KEY TO TOOLS, ETC., ON FOLLOWING PAGES.

No.	Price.	No.	Price.
1 Solid Shank Hoe.....\$	30	50 English and American Grass Hooks.....	25 to 1 50
2 Notched Scuffle Hoe.....	1 00	51 Steel and Malleable Garden Rakes.....	25 to 60
3 Narrow Hoe and Rake.....	50	52 English Lawn and Grass Scythe.....	1 25
4 Socket Common Hoe.....	30	53 English and American Spades.....	75 to 1 50
5 Trowel Shape Weeding Hoe.....	75	54 Latest Pattern Steel Garden Rakes.....	40 to 75
6 Onion Hoe, "double end"....	50	55 All styles of Shovels, large and small.....	75
7 Hoe and Rake, several sizes.....	25	56 Asparagus, Dock and Weed Digger.....	30
8 Potato Hook, several sizes....	40	57 Weeders.....	50
9 Secor Weeding Hook.....	10	58 Waters' Tree Pruner.....	1 00 to 1 25
10 Large Plantation Hoe.....	50	59 Steel Trowels.....	10 to 50
11 Thistle Spud.....	50	60 Cleves' Angle Trowel.....	15 to 35
12 Thistle Spud for Lawns.....	50 to 75	61 Watering Pot.....	25 to 75
13 Pruning Shears, all kinds.....	40 to 1 50	62 " ".....	1 00
14 Hedge Shears, several sizes. 1	00 to 1 75	63-64-65-66 Weeders.....	15 to 30
15 Sheep and Grass Shears.....	50 to 1 50	67-68-69-70-71-72 Thermometers.....	20 to 1 00
16 Border Shears with roller or without.....	2 50 to 4 00	73 Pruning Saws.....	75
17 Spud for pulling vegetables, etc.....	1 00	75-76-77-78-79 Syringes.....	1 00 to 4 00
18 Patent English Weeder.....	25	80 Double Leaf Rake.....	75
19 " " Scuffle Hoe.....	35 to 50	81 Gardener's Mittens.....	50
20 Onion and Celery Plow, Firefly.....	2 50	82 Small Ax.....	75
21 Tack Claw.....	15 to 25	83 Fumigator.....	1 25
22 Pruning and Wood Saws.....	50 to 1 50	84 Powder Gun.....	25
23 Mattock, several sizes.....	50 to 75	85 Breen's Finger Spade.....	10
24 Transplanting Fork.....	15 to 40	86 Lang's Weeder.....	25
25 Wire Leaf Rake.....	60	87 Glazier's Points, per box....	60
26 Narrow Mattock.....	75	88 " Pinchers.....	40
27 Tree Pruners, several styles 1	00 to 3 50	89 Rubber Plant Sprinkler.....	75 to 90
28 Steel Trowels, all grades.....	10 to 60	90 Putty Bulb.....	90
29 Flower Gatherer.....	50 to 1 00	Pedestal.....	2 50
30 Lang's Patent Weeder.....	25	Lily Pot.....	40
31 Trellis, all sizes.....	20 to 2 00	Hanging Log.....	25 to 75
32 Double End Pruning Saw.....	75	Oblong Lily Pot.....	60
33 Bill Hook.....	1 00 to 1 50	Begonia Pot.....	25
34 Garden Line Reel, very durable.....	1 50	Rustic Pot.....	50
35 Grape and other Scissors....	25 to 1 00	Standard Flower Pot.....	All prices
36 English Lawn Rake.....	75 to 1 25	Jardinier.....	All prices
37 Whittling and Pruning Knives.....	50 to 1 25	Wire Pot Brackets.....	15 to 20
38-39-40 English Pruning Knives.....	50 to 1 25	Hyacinth Glass.....	15
41-42 Budding and Grafting Knives.....	50 to 1 00	Wire Plant Stand.....	3 00
43 Grafting Chisel.....	75	Flower, Pot and Cage Bracket.....	15 to 1 00
44 English Pruning Hook Knife.....	1 00	Saucers, price according to size.....	
45 Dibber for transplanting....	25	Wooden Tubs.....	1 00 to 3 00
46 Border Knives.....	60 to 1 25		
47 Floral Sets of four pieces....	50 to 75		
49 Warren Hoe, very practical..	65		



### SEED AND GRAIN TRYERS.

Large Taper Tryer, Steel Point, Nickled,	Price, \$1.25
" " " " " " " " " " " "	Brass, 1.00
Small Straight, " " " " " " " "	Brass, .75

A LIBERAL DISCOUNT TO THE TRADE

Note our Special Offer on Poultry Supplies on Last Page.  
Buy Your Whips, Cutlery and Hardware of Us.

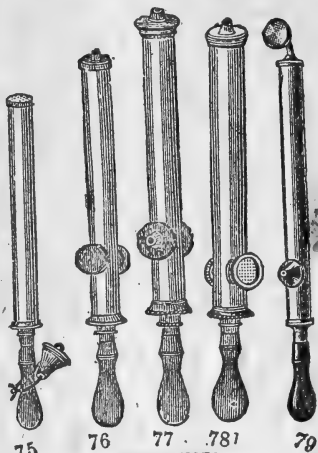


PRUNING SAWS.

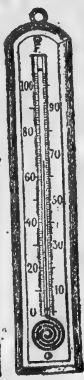
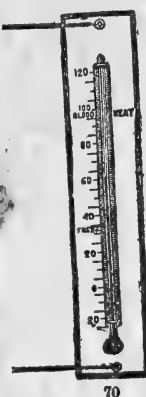
67

68

69



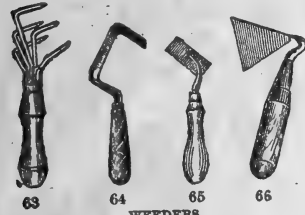
BRASS SYRINGES.



70

71

72



WEEDERS.



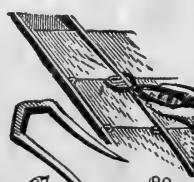
SELF-CLEANING LAWN RAKE.



EUREKA FUMIGATOR.



POWDER GUN.



GLAZING POINTS AND FINGERS



PLANT SPRINKLER.



PUTTY BULB.

We Keep all kinds of Family Hardware. We do Tin and Galvanized Iron Work  
We Sell all kinds of Fertilizers.

## SUPPLEMENT TO FLOWER SEED LIST.

Flowers of Easy Cultivation that all Lovers of Flowers can and ought to Grow  
**ASTERS.**

For early flowering sow inside in April or March in shallow pans or boxes, using a light soil. Cover seeds very lightly; transplant seedlings when large enough to handle; plant in permanent beds about June 1st; for late flowering sow in open ground as soon as weather permits.

Our Asters are grown for us by specialists from the finest strains in the world, and are unrivaled.

**AMERICAN BRANCHING.** (Semple's or Vick's Branching.) A free growing Aster of robust, erect habit producing large, feathery blossoms, resembling Japanese Chrysanthemums; one of the finest for cutting. Height, three feet.

		Pkt.			Pkt.
Finest Mixed.....oz.	\$3 00, $\frac{1}{8}$ ounce	.50, .10	Light Blue.....oz.	\$3.50, $\frac{1}{8}$ ounce	.60, .10
Crimson.....	" 3.50, "	.60, .10	Rose-Pink.....	" 3.50, "	.60, .10
Dark Blue.....	" 3.50, "	.60, .10	White.....	" 3.50, "	.60, .10

**Comet**—Colors various, with long wavy petals, full flower. 10 cts.

**"Snowball"**—Pure white, pompon shape flower, about 15 inches high. 20 cts. per pkt.

**Harlequin**—Spotted and striped double mixed. 10 cts. per pkt.

**Mignon**—Pure White, small pompon flowers. 10 cts. per pkt.

**Victoria**—Mixed color, tall, full flower, pyramidal shape. 10 cts.

**Ball or Jewel**—Symmetrically incurved, the bloom a perfect ball. 25 cts. per pkt.

**Branching**—Vick's white, very fine. 10 cts. per pkt.

For all other varieties see General Flower List.

### BALSAM.

Beautiful and easily grown Half Hardy Annuals. Sow in open ground in May; the soil should be light and open; height 1 to 2 feet.

Double White.....oz.	\$2.00, Pkt. 10c	Double Rose.....oz.	\$1.50, Pkt. 10c
" Pink.....	" 1.50, " 10c	" Red.....	" 1.50, " 10c

### CALENDULA (MARIGOLD.)

Hardy free flowering Annuals with large double flowers in splendid variety of colors; grows well in dry situation; height, 1 foot. Sow outside in May.

Mixed, all colors.....oz. 50 cts. Pkt. 5 cts

### CALLIOPSIS OR COREOPSIS ANNUAL VARIETIES.

Charming hardy Annuals, blooming early and lasting in flower till frost. Very useful for cutting.

Mixed Varieties in Rich and Brilliant Colors.....Pkt. 10 cts

### CANDYTUFT (IBERIS.)

Very showy, hardy Annuals, growing about 1 foot in height; grows in any soil. Sow outside in May.

Mixed colors in great variety.....oz. 30 cts. Pkt. 5 cts

### CARNATION MARGUERITE.

Half hardy perennials if sown inside in spring and transplanted to the open garden in May, will flower in July and continue till frost, when with a light covering of rough straw or leaves they can be carried over winter and be much better the following year; or they may be potted up in the fall and flowered in the house during winter. The flowers in size, fragrance and variety of colors are equal to the best greenhouse varieties. Sow inside in March or April in shallow pans or boxes; transplant in open ground in May, or sow seed outside as soon as danger of frost is over.

Mixed Varieties, or separate colors (white, pink, red, rose yellow, striped.).....oz. \$2.00, Pkt. 10 cts

### CASTOR BEAN (RICINUS.)

Tender Annuals of rapid and gigantic growth, producing enormous dark green or bronze colored palmate leaves, excellent for massive foliage effect on lawns or backgrounds; can be started in April in the house and transplanted to the open garden about the first of June where they will attain a height of from 6 to 10 feet in a few weeks. 25 cts. oz. 5 cts. pkt.

### CHRYSANTHEMUMS' ANNUAL VARIETIES.

Hardy Annuals of easy cultivation and blooming early in the summer; grows about 2 feet high; splendid variety of colors.

Single, Mixed.....oz. 40 cts. Pkt. 5 cts. Double, Mixed.....oz. 40 cts. Pkt. 5 cts.

# SUPPLEMENT TO FLOWER SEED LIST.

## COSMOS EARLY FLOWERING.

One of the most beautiful flowers in cultivation; if sown in May in the open ground will bloom about the middle of July; the colors include pure white shades of lilac, rose and crimson.

Mixed Shades.....Pkt., 10 cts

## DAHLIA, SINGLE.

These popular flowers can be raised from seed and flowered the same season, and nothing gives more satisfaction than a good bed of Single Dahlias, being far superior to the double varieties for cutting purposes; sow seed inside in April; plant in the open ground about the first of June. A cool, rich soil suits Dahlias.

Mixed Varieties.....Pkt., 10 cts

## MIGNONETTE.

This delightfully fragrant plant should be grown by every one who has room for a window box. Its cultivation is the easiest possible. The seeds should be sown early outside, and the young plants thinned sufficiently to allow them to branch. Water freely in dry weather.

Machet, one of the best.....oz., 60 cts. Pkt., 10 cts

## NASTURTIUMS.

No collection of flowers should be without Nasturtiums, they grow so forcibly and afford such a variety of rich bright colors. As a cut flower there is nothing more effective, sweet scented and pleasing in every way.

Tall Varieties Mixed.....oz., 10 cts. Pkt. 5 cts | Dwarf Varieties Mixed.....oz., 15 cts. Pkt. 5 cts

Our Mixture of Nasturtiums is the Finest in the Country.

Nasturtium Dwarf			Nasturtium Dwarf		
"	"	Aurora, very fine.	"	"	Empress of India,
"	"	Beauty, yellow and	"	"	dark leaves.
"	"	scarlet.	"	"	King of Tom Thumb
"	"	Bronze	"	"	King Theodore, very
"	"	Cardinal—Dark Scar-	"	"	dark
"	"	let.	"	"	Ruby King
"	"	Cloth of Gold—Light	"	"	Flammulum Grandi-
"	"	foliage	"	"	florum—Tall, scarlet and yellow extra fine
"	"	Crystal Palace—Dwarf			

Each 5c pkg.

Each 5c pkg.

## PETUNIA.

The Petunia, owing to its good growing qualities and its dazzling colors, is a favorite with all growers of flowers who appreciate brilliant effects; for window boxes and mass beds nothing is more effective. Annuals growing from 12 to 15 inches high.

Double Varieties Mixed.....Pkt., 50 cts. | Single.....Pkt., 10 cts

## SALVIA (FLOWERING SAGE.)

Splendens, one of our most useful and gorgeous bedding plants, with long spikes of brilliant scarlet flowers, blooming continuously from mid-summer till frost; about 3 feet high. Sow inside in April and transplant outside when danger of frost is over, or sow outside in May. \$3.00 oz. 10 cts. Pkt.

## SWEET PEAS.

The improvement in this flower during the last few years is truly wonderful. The beauty and variety obtained through the work of the hybridizers is a revelation as to what can be done for the improvement of flowers by hybridizing. The delicate shades to be had in the new Sweet Peas cannot be surpassed by even the rose. To get the sweet Pea in perfection it should be sown early in rich rather moist soil. Dig a trench about eight inches deep, fill in two inches of well rotted manure, then two inches of rich soil in which the sweet peas should be sown; cover with one inch of soil and as the plants grow keep filling till trench is level. In dry weather cover roots with litter of any kind to keep moist and cool and you will be well repaid.

## LEADING VARIETIES.

5 CENTS PER PACKAGE.		5 CENTS PER PACKAGE.	
Odoratus "Sweet Peas"—Imported by us annually		Grey Friar—A light marble mauve	
Adonis—Beautiful deep rose with wings almost carmine		Imperial Blue—Purplish blue	
Apple Blossom—Resembles the flower of Apple Blossoms.		Indigo King—Dark maroon purple	
The Bride—The best earliest pure white in the market		Isa Eckford—Creamy white, shade of pink	
Boreaton—Its flowers are a rich dark chestnut color		Lemon Queen—Pale bluish and lemon	
Bronze Prince—Rich chestnut color bronze maroon		Light Blue and Purple	
Black—Deep maroon and dark blue		Meteor—Orange pink	
Blanche Burpee—Pure white, very large		Mrs. Eckford—Whitish yellow, very fine	
Blanche Ferry—Bright pink and white		Orange Prince	
Butterfly—White, edged with blue		Pink Cupid or Dwarf Blanche Ferry—Pink and white	
Cardinal—Bright crimson		Primrose—Yellow	
Countess of Radnor—Soft lavender		Princess May—Soft lavender	
Daybreak—Watered, red and white		Prince of Wales—White, striped mauve and blue	
Delight—White Rose shaded		Senator—Chocolate striped, showy	
Dorothy Tennant—Rosy mauve		Stanley—Very dark maroon	
Duchess of Edinburgh—Light scarlet and white		Splendor—Bright rose	
Duchess of York—Delicate white, striped pink		Venus—Salmon buff	
Emily Eckford—Rosy mauve changing to blue		Violet Queen—Violet	
Empress of India—Rose Standard, white wings		Double Sweet Peas, Stanley—Very dark maroon	
Emily Henderson—Large clear white		" " Duke of Clarence—Dark claret	
Firefly—Bright crimson scarlet		" " White	
Grand Blue—(Invincible blue)		" " Lottie Eckford—Creamy white	
		" " Boreaton—Dark chestnut	
		" " Waverly—Rosy claret	
		" " Apple Blossom	
		" " Cap't of Blues—Bright purple	

For additional Flower Seed List see Pages 20, 21 22.

# FLOWER SEEDS.

## KEY TO CULTURE.

**A** Sow for succession from April to June for summer and autumn blooming. Prepare the ground thoroughly by digging, adding a good supply of leaf mould or well rotted manure, making the surface fine and smooth.

**B** Sow in gentle heat, in a well drained pot or pan of light soil. Sow thinly and cover lightly with a fine sandy soil. Shade from bright sunshine, and water when necessary through a fine rose watering pot. Transplant to open ground when all danger from frost is over. The seed may also be sown in a cold frame in April, or open border in the latter part of May, but will not flower so early. Transplant or thin out before the plant gets too large.

**C** Sow from April to June, or in August, in a well prepared bed of light soil, covering the seed lightly. Keep clear of weed, and thin out the plants, if too thick, sufficiently early to allow them to develop their growth.

**D** Sow in spring in a well drained pot or well prepared hotbed of light, peaty or sandy soil. Place in a moderately warm temperature. Shade from bright sunshine and keep moist, transplant when ground is in proper condition, or in open ground after May 10th for late flowers.

**E** Sow in open border in April or May, and thin out or transplant, giving each plant plenty of room.

**F** Sow at any time in a pot prepared as follows : Let the pot be one-third full of drainage or broken charcoal ; cover the rough siftings of mould, and the surface with very fine soil, half of which should be composed of fine, sharp sand ; water with fine sprinkler ; scatter the seeds thickly over the surface, cover very lightly ; keep from direct rays of the sun. As soon as the plant shows the third leaf, transplant into seed pans, three-fourths of an inch apart, giving a little air to strengthen them. When the plants begin to touch each other they should be transplanted singly into small pots and keep them in a cool, airy part of the green house near the glass. Re-pot them when necessary.

The following portion of our catalogue, devoted to Flower Seeds, we have arranged both alphabetically and in columns, to enable any one to easily refer to the price and description of any variety desired.

## KEY TO COLUMNS.

The 1st column contains the name of the flower.	The 5th column contains culture.
The 2d " " hardness and duration.	The 6th " " price per packet.
The 3d. " " height in feet.	The 7th " " general observations.
The 4th " " color of flower.	

## KEY TO ABBREVIATIONS.

b.	blue.	dk.	dark.	mve.	mauve.	spot.	spotted.
bld.	blood.	dp.	deep.	mx.d.	mixed.	stri.	stripped.
blk.	black.	gr.	green.	or.	orange.	sul.	sulphur.
br.	brown.	lav.	lavendar.	pur.	purple.	vr.	variegated.
bff.	buff.	lf.	leaf.	rose.	rose.	ver.	vermillion.
car.	carmine.	lt.	light.	rd.	red.	wh.	white.
cr.	crimson.	mar.	maroon.	serr.	scarlet	yel.	yellow.

## HARDNESS AND DURATION.

A.—Annual, lasting one year.	ev., evergreen.	h., hardy.
B.—Biennial, lasting two years.	g., greenhouse.	sh., shrub.
P.—Perennial, lasting three or more years	h. h., half hardy.	

USE OUR PLANT FOOD, SHEEP FERTILIZER AND GROUND BONE.

# SELECT FLOWER SEEDS.

NAME.	Hardness and Duration.	Height Feet.	Color of Flower.	Culture.	Per Pkt.	GENERAL OBSERVATIONS.
Abobra viridiflora.....	hhP	6	green.	E	5	Abobra.—A beautiful variety of climbing Gourd, with elegant foliage.
Abronia umbellata.....	hhA	$\frac{1}{2}$	rose.	D	5	Abronia.—Trailing Verbena like flowers.
Aconitum napellus.....	hP	2	blue&w.	C	5	Aconitum.—Monkshood.
Acroclinium roseum.....	hhA	1	rose.	E	5	Acroclinium.—Pretty everlasting flowers; should be cut before fully expanded.
"    album.....	"	1	white.	"	5	
Adlumia cirrhosa.....	hA	15	pink.	"	10	Adlumia.—A beautiful climbing, fine foliaged plant, also known as Mountain Fringe and Alleghany Vine.
Adonis aestivalis.....	"	1	scarlet.	"	5	Adonis.—Showy border flowers.
African Rose.....	"	"	"	"	"	African Rose.—See Hibiscus.
Ageratum mexicanum.....	hA	1	blue.	B	5	Ageratum.—Continual bloomer, and fine for cutting. The dwarf varieties are very desirable for borders or edgings.
"    Imperial Dwarf.....	"	$\frac{1}{2}$	"	"	5	
"    nanum.....	"	$\frac{1}{2}$	"	"	5	
Agrostemma Cœli Rosa.....	"	1	rose.	A	5	Agrostemma.—Rose Campion.
Agrostis nebulosa.....	"	1	"	A	5	Agrostis.—Very fine for dried grasses.
"    pulchella.....	"	"	"	"	"	
Alleghany Vine.....	"	"	"	"	"	Alleghany Vine.—See Adlumia.
Alonsoa grandiflora.....	hhA	$1\frac{1}{2}$	scarlet.	E	5	Alonsoa.—Very showy in blossom and of graceful habit: excellent for bedding.
Alyssum maritimum (sweet).....	hA	1	white.	"	5	Alyssum.—Excellent for pot or basket cultivation or for edgings in the flower garden. The perennial varieties are among the earliest and most attractive of spring flowers.
"    saxatile compactum.....	P	"	yellow.	"	5	
"    Wierzecki.....	"	1	w. & y.	"	5	
Amaranth.....	"	"	"	"	"	Amaranth.—See Gomphrena.
Amaranthus bicolor ruber.....	hhA	3	var. lf.	"	5	Amaranthus.—Beautiful foliaged plants.
"    caudatus.....	"	3	"	"	5	A. Salicifolius and Henderi form elegant pot plants for greenhouse or conservatory and are much used for bedding. A. caudatus is the well-known "Love lies bleeding."
"    cruentus.....	"	2	"	"	5	A. cruentus is better known as "Princess' Feather," A. tricolor as "Joseph's Coat" and A. melan. as "Nun's Whipping Post."
"    melanochlicus ruber.....	"	1	"	"	5	
"    salicifolius.....	"	3-5	"	"	10	
"    Henderi (new).....	"	4	"	"	10	
"    tricolor.....	"	2	"	"	5	
Amethyst.....	"	"	"	D	"	Amethyst.—See Browallia.
Ammobium alatum.....	hA	1	white.	E	5	Ammobium.—White everlasting flowers.
Anagallis grandiflora, Eugenie.....	hhA	1	b. & w.	B	5	Anagallis.—Poor Man's Weather Glass.
"    Napoleon III.....	"	1	crimson.	"	5	Splendid for rock-work and borders.
"    grandiflora, fine mixed.....	"	1	mixed.	"	5	
Anchusa angustifolia capensis.....	hP	2	blue.	C	5	Anchusa.—Splendid for bouquets; long bloomer, azure blue, forget-me-not like flowers; blossoms first year from seed.
Angelonia grandiflora.....	hP	$1\frac{1}{2}$	blue.	"	10	Angelonia.—Blue flowers; sweet scented.
Animated Oat.....	P	2	mixed.	B	5	Animated Oat.—See Avena.
Antirrhinum majus.....	"	"	"	"	"	Antirrhinum.—Snapdragon. Will bloom first season.
"    majus nanum picturatum.....	P	$1\frac{1}{2}$	"	C	5	
Aquilegia, Single.....	"	$1\frac{1}{2}$	"	"	5	Aquilegia.—Columbine. Pretty and very desirable for early spring flowering.
"    Double.....	"	$1\frac{1}{2}$	"	"	5	
Arctotis breviscapa.....	hhA	$1\frac{1}{2}$	orange.	B	5	Arctotis.—Large orange flowers with dark centre.
Argemone Hunnemannii.....	hA	2	car.&yel.	A	"	Argemone.—Mexican Poppy.
Artemesia gracilis.....	"	4	"	"	"	Artemesia.—Highly decorative foliage plant.
Aristolochia Sipho.....	hB	30	y. & br.	D	"	Aristolochia.—Dutchman's Pipe. A quick growing climber, with large heart-shaped leaves. Highly recommended.
Asperula azurea setosa.....	hA	1	blue.	A	5	Asperula.—Very sweet scented flowers and profuse bloomer.
"    odorata.....	hP	$\frac{1}{2}$	white.	"	10	
Aster, German quilled.....	hA	2	mixed.	D	5	Aster.—The vast improvement made in the last few years by the English and German growers of this showy flower cannot be too highly spoken of. We refer especially to the different varieties of Truffaut's Pæony-flowered and the New Washington Asters. The La Superbe varieties of the first-named are rightly termed, for in every respect they are truly superb.
"    Dwarf Pyramidal Bouquet.....	"	1	"	"	10	
"    Truffaut's Pæony-fl'd Perfection.....	"	2	rose.	"	10	
"    "    La Superbe.....	"	2	sky b. & w.	"	10	

Additional Flower Seed list on page 20, 21, 22.

Hardware, Tools, Glass, Putty and Tinware.—Tin Work.

Try our Parrot and Bird Seeds.



NAME.	Hardness and Duration.	Height. Feet.	Color of Flower.	Culture.	Per Pkt.	GENERAL OBSERVATIONS.
Aster, Truffaut's La Superbe.....	hA	2	pure wht.	D	10	Aster. No lover of these flowers can find anything so easily cultivated that would afford such genuine pleasure and satisfaction. The New Washington varieties are extremely beautiful, attaining a very large size averaging 4½ inches in diameter, and in delicacy of tints are unequalled. Aster seed should be sown early in the Spring in a hot-bed or window box and transplanted out-doors when the weather is warm, about 12 inches apart—the taller varieties a little farther apart and the dwarf varieties a little nearer together.
" Dwarf Chrysanthemum.....	"	1	mixed.	"	15	
" Large Rose-flowered.....	"	2½	"	"	15	
" Cocardeau or Crown (w. centre).....	"	2	various.	"	15	
" New Washington, white.....	"	2	white.	"	20	
" Perennial, fine mixed.....	"	"	mixed.	"	5	Avena.—Animated Oats. Balloon Vine.—Love-in-a-puff; climbing plant for house or garden. Balsams.—Our balsams have been selected with great care and we feel certain that they will please our customers. The Double Rose-flowered White Balsam is of unequalled purity and in great demand among florists. The Double Victoria White Scarlet Spotted is very delicate in color and will become a great favorite.
Avena sterilis.....	hA	2	"	C	5	
Balloon Vine.....	hhA	5	white.	B	5	
Balsam, Double Extra.....	hA	1½	mixed.	B	10	
" Double Rose flowered.....	"	2	"	"	10	
" Double Rose flowered, white.....	"	2	white.	"	10	Bean.—Climbers, bearing clusters of dazzling scarlet, and pure white flowers. Bellis.—Double Daisy.—Very handsome spring flowering plant. Brachycome.—Swan River Daisy. Briza.—Quaking Grass. Bromus.—Ornamental Grass for winter bouquets. Browallia elata.—Is one of the finest of the few blue flowers, either for pot or garden culture, and useful for cutting for bouquets. Bryonopsis.—Climber, producing green fruit, which subsequently turn to brilliant scarlet, striped with white. Cacalia.—Tassel Flower. Calampelis.—A good climber, flower tube shaped. Calandrina.—Very desirable for pot plant; also for rockeries. Calceolaria.—Lady's Slipper. Saved from the very choicest varieties of the finest collections. Calendula.—Cape Marigold. Calendula Off. Meteor. California Poppy.—See Eschscholtzia. Calliopsis.—Very showy and continues to bloom a long time. C. Drummondii is admirably adapted for borders. Callirrhoe.—Profuse bloomer, continuing throughout the season. Campanula.—Canterbury Bell, will bloom first year if sown early. C. speculum, Venus Looking Glass. Canary Bird Vine.—See Tropaeolum canariensis. Candytuft.—See Iberis. Canna.—Indian Shot. C. Nigricans has very dark foliage. C. Zebrina has striped foliage. The kinds catalogued are selected as the best of many varieties, especially for centres of beds containing ornamental foliage plants. Canterbury Bell.—See Campanula. Cardinal Flower.—See Lobelia. Cardiospermum.—See Baloon Vine. Carnation.—See Dianthus. Castor Oil Bean.—See Ricinus. Catchfly.—See Silene.
" Double Camellia flowered.....	hA	2	mixed.	"	10	
" New Carnation-striped.....	"	2	"	"	10	
" Double Solferino.....	"	2	w., spt., str.	"	10	
" " Victor.....	"	2	w., sc. sp.	"	10	
Bartonia aurea.....	hA	1	yellow.	E	5	Briza.—Quaking Grass. Bromus.—Ornamental Grass for winter bouquets. Browallia elata.—Is one of the finest of the few blue flowers, either for pot or garden culture, and useful for cutting for bouquets. Bryonopsis.—Climber, producing green fruit, which subsequently turn to brilliant scarlet, striped with white. Cacalia.—Tassel Flower. Calampelis.—A good climber, flower tube shaped. Calandrina.—Very desirable for pot plant; also for rockeries. Calceolaria.—Lady's Slipper. Saved from the very choicest varieties of the finest collections. Calendula.—Cape Marigold. Calendula Off. Meteor. California Poppy.—See Eschscholtzia. Calliopsis.—Very showy and continues to bloom a long time. C. Drummondii is admirably adapted for borders. Callirrhoe.—Profuse bloomer, continuing throughout the season. Campanula.—Canterbury Bell, will bloom first year if sown early. C. speculum, Venus Looking Glass. Canary Bird Vine.—See Tropaeolum canariensis. Candytuft.—See Iberis. Canna.—Indian Shot. C. Nigricans has very dark foliage. C. Zebrina has striped foliage. The kinds catalogued are selected as the best of many varieties, especially for centres of beds containing ornamental foliage plants. Canterbury Bell.—See Campanula. Cardinal Flower.—See Lobelia. Cardiospermum.—See Baloon Vine. Carnation.—See Dianthus. Castor Oil Bean.—See Ricinus. Catchfly.—See Silene.
Bean, Scarlet Runner.....	"	15	scarlet.	A	5	
" White.....	"	15	white.	"	5	
Bellis Perennis, fl. pl.....	hP	¾	mixed.	C	5	
Brachycome ibericifolia.....	hhA	1	mixed.	D	5	
Briza compacta.....	"	1	"	A	5	Briza.—Quaking Grass. Bromus.—Ornamental Grass for winter bouquets. Browallia elata.—Is one of the finest of the few blue flowers, either for pot or garden culture, and useful for cutting for bouquets. Bryonopsis.—Climber, producing green fruit, which subsequently turn to brilliant scarlet, striped with white. Cacalia.—Tassel Flower. Calampelis.—A good climber, flower tube shaped. Calandrina.—Very desirable for pot plant; also for rockeries. Calceolaria.—Lady's Slipper. Saved from the very choicest varieties of the finest collections. Calendula.—Cape Marigold. Calendula Off. Meteor. California Poppy.—See Eschscholtzia. Calliopsis.—Very showy and continues to bloom a long time. C. Drummondii is admirably adapted for borders. Callirrhoe.—Profuse bloomer, continuing throughout the season. Campanula.—Canterbury Bell, will bloom first year if sown early. C. speculum, Venus Looking Glass. Canary Bird Vine.—See Tropaeolum canariensis. Candytuft.—See Iberis. Canna.—Indian Shot. C. Nigricans has very dark foliage. C. Zebrina has striped foliage. The kinds catalogued are selected as the best of many varieties, especially for centres of beds containing ornamental foliage plants. Canterbury Bell.—See Campanula. Cardinal Flower.—See Lobelia. Cardiospermum.—See Baloon Vine. Carnation.—See Dianthus. Castor Oil Bean.—See Ricinus. Catchfly.—See Silene.
maxima.....	"	1	"	"	5	
Bromus brizae formis.....	hP	1	"	C	5	
Browallia elata.....	hhA	1½	mixed.	D	5	
Bryonopsis laciniosa erythiocarpa.....	hhA	5	red	D	10	
Cacalia coccinea.....	hA	1½	scarlet.	E	5	Briza.—Quaking Grass. Bromus.—Ornamental Grass for winter bouquets. Browallia elata.—Is one of the finest of the few blue flowers, either for pot or garden culture, and useful for cutting for bouquets. Bryonopsis.—Climber, producing green fruit, which subsequently turn to brilliant scarlet, striped with white. Cacalia.—Tassel Flower. Calampelis.—A good climber, flower tube shaped. Calandrina.—Very desirable for pot plant; also for rockeries. Calceolaria.—Lady's Slipper. Saved from the very choicest varieties of the finest collections. Calendula.—Cape Marigold. Calendula Off. Meteor. California Poppy.—See Eschscholtzia. Calliopsis.—Very showy and continues to bloom a long time. C. Drummondii is admirably adapted for borders. Callirrhoe.—Profuse bloomer, continuing throughout the season. Campanula.—Canterbury Bell, will bloom first year if sown early. C. speculum, Venus Looking Glass. Canary Bird Vine.—See Tropaeolum canariensis. Candytuft.—See Iberis. Canna.—Indian Shot. C. Nigricans has very dark foliage. C. Zebrina has striped foliage. The kinds catalogued are selected as the best of many varieties, especially for centres of beds containing ornamental foliage plants. Canterbury Bell.—See Campanula. Cardinal Flower.—See Lobelia. Cardiospermum.—See Baloon Vine. Carnation.—See Dianthus. Castor Oil Bean.—See Ricinus. Catchfly.—See Silene.
Calampelis scabra.....	hhA	8	orange.	D	5	
Calandrina discolor.....	hA	1	rose.	E	5	
" grandiflora.....	"	1	rosy pink.	"	5	
" umbellata.....	"	¾	crim. violet	"	5	
Calceolaria hybrida, large flowered.....	gP	2	mixed.	F	25	Briza.—Quaking Grass. Bromus.—Ornamental Grass for winter bouquets. Browallia elata.—Is one of the finest of the few blue flowers, either for pot or garden culture, and useful for cutting for bouquets. Bryonopsis.—Climber, producing green fruit, which subsequently turn to brilliant scarlet, striped with white. Cacalia.—Tassel Flower. Calampelis.—A good climber, flower tube shaped. Calandrina.—Very desirable for pot plant; also for rockeries. Calceolaria.—Lady's Slipper. Saved from the very choicest varieties of the finest collections. Calendula.—Cape Marigold. Calendula Off. Meteor. California Poppy.—See Eschscholtzia. Calliopsis.—Very showy and continues to bloom a long time. C. Drummondii is admirably adapted for borders. Callirrhoe.—Profuse bloomer, continuing throughout the season. Campanula.—Canterbury Bell, will bloom first year if sown early. C. speculum, Venus Looking Glass. Canary Bird Vine.—See Tropaeolum canariensis. Candytuft.—See Iberis. Canna.—Indian Shot. C. Nigricans has very dark foliage. C. Zebrina has striped foliage. The kinds catalogued are selected as the best of many varieties, especially for centres of beds containing ornamental foliage plants. Canterbury Bell.—See Campanula. Cardinal Flower.—See Lobelia. Cardiospermum.—See Baloon Vine. Carnation.—See Dianthus. Castor Oil Bean.—See Ricinus. Catchfly.—See Silene.
" James' Prize splendid.....	"	1	"	"	25	
Calendula pluvialis.....	hA	1	w. b. und' d.	A	5	
Calendula Officialis "Meteor".....	"	"	lt. orange.	"	10	
California Poppy.....	"	"	"	"	5	
Calliopsis Drummondii.....	hA	1½	pur. & yel.	E	5	Briza.—Quaking Grass. Bromus.—Ornamental Grass for winter bouquets. Browallia elata.—Is one of the finest of the few blue flowers, either for pot or garden culture, and useful for cutting for bouquets. Bryonopsis.—Climber, producing green fruit, which subsequently turn to brilliant scarlet, striped with white. Cacalia.—Tassel Flower. Calampelis.—A good climber, flower tube shaped. Calandrina.—Very desirable for pot plant; also for rockeries. Calceolaria.—Lady's Slipper. Saved from the very choicest varieties of the finest collections. Calendula.—Cape Marigold. Calendula Off. Meteor. California Poppy.—See Eschscholtzia. Calliopsis.—Very showy and continues to bloom a long time. C. Drummondii is admirably adapted for borders. Callirrhoe.—Profuse bloomer, continuing throughout the season. Campanula.—Canterbury Bell, will bloom first year if sown early. C. speculum, Venus Looking Glass. Canary Bird Vine.—See Tropaeolum canariensis. Candytuft.—See Iberis. Canna.—Indian Shot. C. Nigricans has very dark foliage. C. Zebrina has striped foliage. The kinds catalogued are selected as the best of many varieties, especially for centres of beds containing ornamental foliage plants. Canterbury Bell.—See Campanula. Cardinal Flower.—See Lobelia. Cardiospermum.—See Baloon Vine. Carnation.—See Dianthus. Castor Oil Bean.—See Ricinus. Catchfly.—See Silene.
" bicolor nana.....	"	1½	mixed.	"	5	
Callirrhoe pedata nana.....	"	2	mixed.	"	5	
Campanula medium, single.....	hP	2	"	C	5	
" speculum.....	hA	2	mixed.	"	5	
Canary Bird Vine.....	hhA	10	yellow.	D	10	Briza.—Quaking Grass. Bromus.—Ornamental Grass for winter bouquets. Browallia elata.—Is one of the finest of the few blue flowers, either for pot or garden culture, and useful for cutting for bouquets. Bryonopsis.—Climber, producing green fruit, which subsequently turn to brilliant scarlet, striped with white. Cacalia.—Tassel Flower. Calampelis.—A good climber, flower tube shaped. Calandrina.—Very desirable for pot plant; also for rockeries. Calceolaria.—Lady's Slipper. Saved from the very choicest varieties of the finest collections. Calendula.—Cape Marigold. Calendula Off. Meteor. California Poppy.—See Eschscholtzia. Calliopsis.—Very showy and continues to bloom a long time. C. Drummondii is admirably adapted for borders. Callirrhoe.—Profuse bloomer, continuing throughout the season. Campanula.—Canterbury Bell, will bloom first year if sown early. C. speculum, Venus Looking Glass. Canary Bird Vine.—See Tropaeolum canariensis. Candytuft.—See Iberis. Canna.—Indian Shot. C. Nigricans has very dark foliage. C. Zebrina has striped foliage. The kinds catalogued are selected as the best of many varieties, especially for centres of beds containing ornamental foliage plants. Canterbury Bell.—See Campanula. Cardinal Flower.—See Lobelia. Cardiospermum.—See Baloon Vine. Carnation.—See Dianthus. Castor Oil Bean.—See Ricinus. Catchfly.—See Silene.
Candytuft.....	"	"	"	E	5	
Canna, Finest mixed.....	hhP	"	mixed.	D	5	
" Nigricans.....	"	"	red.	"	10	
" Zebrina.....	"	"	scarlet.	"	10	
Canterbury Bell.....	"	"	"	C	5	Briza.—Quaking Grass. Bromus.—Ornamental Grass for winter bouquets. Browallia elata.—Is one of the finest of the few blue flowers, either for pot or garden culture, and useful for cutting for bouquets. Bryonopsis.—Climber, producing green fruit, which subsequently turn to brilliant scarlet, striped with white. Cacalia.—Tassel Flower. Calampelis.—A good climber, flower tube shaped. Calandrina.—Very desirable for pot plant; also for rockeries. Calceolaria.—Lady's Slipper. Saved from the very choicest varieties of the finest collections. Calendula.—Cape Marigold. Calendula Off. Meteor. California Poppy.—See Eschscholtzia. Calliopsis.—Very showy and continues to bloom a long time. C. Drummondii is admirably adapted for borders. Callirrhoe.—Profuse bloomer, continuing throughout the season. Campanula.—Canterbury Bell, will bloom first year if sown early. C. speculum, Venus Looking Glass. Canary Bird Vine.—See Tropaeolum canariensis. Candytuft.—See Iberis. Canna.—Indian Shot. C. Nigricans has very dark foliage. C. Zebrina has striped foliage. The kinds catalogued are selected as the best of many varieties, especially for centres of beds containing ornamental foliage plants. Canterbury Bell.—See Campanula. Cardinal Flower.—See Lobelia. Cardiospermum.—See Baloon Vine. Carnation.—See Dianthus. Castor Oil Bean.—See Ricinus. Catchfly.—See Silene.
Cardinal Flower.....	"	"	"	B	5	
Cardiospermum Halicacabum.....	hhA	5	white.	"	5	
Carnation.....	"	"	"	"	5	
Castor Oil Bean.....	"	"	"	D	5	
Catchfly.....	"	"	"	E	5	Briza.—Quaking Grass. Bromus.—Ornamental Grass for winter bouquets. Browallia elata.—Is one of the finest of the few blue flowers, either for pot or garden culture, and useful for cutting for bouquets. Bryonopsis.—Climber, producing green fruit, which subsequently turn to brilliant scarlet, striped with white. Cacalia.—Tassel Flower. Calampelis.—A good climber, flower tube shaped. Calandrina.—Very desirable for pot plant; also for rockeries. Calceolaria.—Lady's Slipper. Saved from the very choicest varieties of the finest collections. Calendula.—Cape Marigold. Calendula Off. Meteor. California Poppy.—See Eschscholtzia. Calliopsis.—Very showy and continues to bloom a long time. C. Drummondii is admirably adapted for borders. Callirrhoe.—Profuse bloomer, continuing throughout the season. Campanula.—Canterbury Bell, will bloom first year if sown early. C. speculum, Venus Looking Glass. Canary Bird Vine.—See Tropaeolum canariensis. Candytuft.—See Iberis. Canna.—Indian Shot. C. Nigricans has very dark foliage. C. Zebrina has striped foliage. The kinds catalogued are selected as the best of many varieties, especially for centres of beds containing ornamental foliage plants. Canterbury Bell.—See Campanula. Cardinal Flower.—See Lobelia. Cardiospermum.—See Baloon Vine. Carnation.—See Dianthus. Castor Oil Bean.—See Ricinus. Catchfly.—See Silene.

**CANNAS**—Crozy's Dwarf Large Flowering French. A new class of Cannas, foliage luxuriant, plants dwarf in habit; large size and brilliant hues, all shades of yellow and orange to the richest crimson, scarlet and vermillion; also beautifully spotted. Seed sown in a hot bed or greenhouse from January to April will produce flowering plants in July. **mixed**, pkt. 10 cts.

**CANNAS**—Marechal Vallant. Foliage rich maroon; large bright orange flowers; 5 ft. Pkt. 5 cts.

**"**—Tricolor. Foliage green, red and creamy yellow; bright scarlet flowers; 3 ft. Pkt. 5 cts.



NAME.	Hardness and Duration.	Height. Feet.	Color of Flower.	Culture.	Per Pkt.	GENERAL OBSERVATIONS.
<i>Celosia, cristata</i> nana.....	hhA	1	crimson.	B	5	<i>Celosia</i> .—Cockscomb, showy plant, producing large combs of crimson or yellow flowers.
“ feathered.....	“	2	mixed.	“	10	
“ japonica.....	“	2	scarlet.	“	15	
<i>Centaurea candidissima</i> .....	hhP	1	silver fol.	E	15	<i>Centaurea</i> .—Dusty Miller; silver leaved foliage plants, extensively used in borders and bedding. Pick the buds off as they appear. They should not be allowed to flower if a thick mass of foliage is desired.
“ <i>gymnocarpa</i> .....	“	1½	“	“	15	<i>C. moschata</i> .—Sweet Sultan.
“ <i>moschata</i> .....	hA	2	blue.	“	5	<i>C. cyanus</i> .—Batchelor's Button.
“ <i>cyanus</i> .....	“	2	mixed.	“	5	
<i>Centranthus macrosiphon</i> .....	“	1½	red	E	5	
<i>Chamæpuece casabonæ</i> .....	hhP	1	orn. fol.	D	10	<i>Chamæpuece casabonæ</i> .—Handsome thistle-like foliage plants with dark green leaves, veined with white.
<i>Chrysanthemum, carinatum album</i> .....	hA	—	white.	F	5	<i>Chrysanthemum</i> .—Free blooming flowers lasting late in the season, long after many other flowers are faded.
“ <i>idicum pompone, d'l fl'd</i> .....	hhP	2	dbl. white.	“	10	<i>C. idicum pompone</i> is very double, pure white and a constant bloomer; excellent for cut flowers.
<i>Cineraria hybrida choice mixed</i> .....	gP	2	various.	“	25	<i>Cineraria</i> .—Beautiful compact flowering plants of crimson, magenta and purple colors.
<i>Clarkia, best mixed</i> .....	hA	1½	mixed.	E	5	
<i>Clematis, fine mixed</i> .....	hP	10	“	C	5	<i>Clematis</i> .—Fine climbing vines.
<i>Clianthus Dampieri</i> .....	A	2	sc. & blk.	A	25	<i>Clianthus</i> .—Should be started early in order to prove most successful. Flowers dazzling scarlet and black.
<i>Cobæa scandens</i> .....	hhA	20	purple.	B	10	<i>Cobæa</i> .—To attain full growth should be started in pots. Very rapid climber.
<i>Coccinia Indica</i> .....	hhP	6	red.	C	10	<i>Coccinia</i> .—Gourd family. Fruit scarlet.
<i>Cockscomb</i> .....	“	—	—	B	—	<i>Cockscomb</i> .—See <i>Celosia</i> .
<i>Coix lacryma</i> .....	hA	1½	“	A	5	<i>Coix</i> .—Job's Tears.
<i>Collinsia</i> .....	“	1½	mixed.	E	5	<i>Collinsia</i> .—Purple, blue and white flowers; very pretty.
<i>Columbine</i> .....	“	—	—	C	—	<i>Columbine</i> .—See <i>Aquilegia</i> .
<i>Convolvulus major</i> .....	hhA	10	finestmix'd	E	5	<i>Convolvulus Major</i> .—Morning Glory, tall; C. Minor, Morning Glory, dwarf.
“ <i>tricolor minor</i> .....	“	—	—	D	5	<i>C. Mauriticanus</i> for hanging baskets.
“ <i>Mauritanicus</i> .....	hP	—	blue.	C	10	
<i>Coreopsis</i> .....	“	—	—	E	—	<i>Coreopsis</i> .—See <i>Calliopsis</i> .
<i>Cosmanthus fimbriatus</i> .....	hA	1	lilac & w.	“	5	<i>Cosmanthus</i> .—Flowers fringed and pretty, plant spreading.
<i>Cosmidium Burridgeanum</i> .....	“	2	cr., br. & yel	“	5	<i>Cosmidium</i> .—Flowers large and showy, similar to <i>Coreopsis</i> .
<i>Cucumis</i> .....	hhA	6	fine mixed.	B	5	<i>Cucumis</i> .—Ornamental Cucumber. 'C. flexuosus. —Snake Cucumber, bearing fruit three feet long. C. dipsaceus. —Teasel-formed.
“ <i>flexuosus</i> .....	“	—	—	“	—	
“ <i>dipsaceus, teasel-formed</i> .....	“	—	—	“	—	
<i>Cucurbita</i> .....	hhA	6	fine mixed.	E	10	<i>Cucurbita</i> .—Ornamental Gourd. C. leucantha depressa. —Green Fruit. C. longissima. —Curious fruit five feet long.
“ <i>leucantha depressa</i> .....	“	—	—	“	10	
“ <i>longissima</i> .....	“	—	—	“	10	
<i>Cyclamen persicum</i> .....	hhP	½	fine mixed.	B	50	<i>Cyclamen</i> .—Green house plants, very handsome bloomers.
<i>Cypress Vine</i> .....	“	—	—	“	—	<i>Cypress Vine</i> .—See <i>Ipomæa Quamoclit</i> .
<i>Dahlia, double</i> .....	hhP	—	finestmix'd	E	5	<i>Dahlia</i> .—Saved from the largest flowering and most double sorts.
“ <i>single</i> .....	hA	—	“	“	10	
<i>Daisy, double</i> .....	“	—	—	C	5	<i>Daisy</i> .—See <i>Bellis</i> .
<i>Datura fastuosa, finest double</i> .....	hA	3	mixed.	E	10	
<i>Delphinium (Larkspur)</i> .....	“	—	—	C	—	<i>Delphinium cashmerianum</i> .
“ <i>double, dwarf rocket</i> .....	hA	1½	“	“	5	
“ <i>double branching</i> .....	“	2	“	“	5	
“ <i>Perennial sorts</i> .....	hP	3-4	“	D	5	<i>D. nudicaule</i> .—The finest perennial Larkspur, of dwarf compact growth, with abundant brilliant scarlet flowers.
“ <i>nudicaule</i> .....	“	1½	scarlet.	“	5	
“ <i>elatum</i> .....	“	5	mixed.	“	5	
“ <i>formosum</i> .....	“	2	blue&whit.	C	5	<i>Delphinium</i> .—The seed of the perennial sorts should be sown in spring; the plants will then become strong by fall and flower the following summer.
<i>Devil-in-a-bush</i> .....	“	—	—	A	5	<i>Devil-in-a-bush</i> .—See <i>Nigella hispanica</i> .
<i>Diamond Plant</i> .....	“	—	—	B	5	<i>Diamond Plant</i> .—See <i>Mesembryanthemum</i> .
<i>Dianthus, Pink</i> .....	“	—	—	C	—	<i>Dianthus barbatus</i> .—Sweet William, will bloom the first year if sown early. D. Chinensis, Chinese Pink.
“ <i>barbatus, single</i> .....	hP	1½	mixed.	“	10	
“ <i>double</i> .....	“	1½	white.	“	15	
“ <i>Caryophyllus (Carnation)</i> .....	hhP	2	finestmix'd	F	25	<i>D. carnation grenadin</i> .—“For Florists” purposes and sale plant this fine and floriferous carnation is invaluable.
“ <i>Clove Pink</i> .....	“	2	mixed.	“	25	
“ <i>picotee</i> .....	“	2	finestmix'd	“	25	
“ <i>perpetual or tree</i> .....	“	2	“	“	25	
“ <i>grenadin</i> .....	“	2	bril. scar.	“	15	“It blooms three weeks earlier than any other variety, and furnishes a profusion

# Buy your Tin and Hardware of Us.

Our Flower Seeds are Choice Imported Stock.

NAME	Hardness and Duration	Height, Feet.	Color of Flower.	Culture.	Per Plat.	GENERAL OBSERVATIONS.
<i>Dianthus, chinensis</i> fl. pl. ....	hA	1	mixed.	D	5	of charming double flowers of brilliant scarlet. Being of dwarf and compact habit it is excellent for borders or masses.
“ <i>Imperial</i> .....	“	1	“	“	10	“
“ <i>Hedderwigi</i> , double. ....	“	1	finestmix'd	“	10	“
“ <i>laciniatus</i> .....	“	1	“	“	10	“
<i>Digitalis</i> , Foxglove, <i>lutea</i> .....	hP	3	mixed.	C	5	<i>Digitalis</i> , Foxglove.—Stately and ornamental growing plants; succeeding well in half shady places.
<i>Dolichos</i> Lablab .....	“	“	mixed.	A	5	<i>Dolichos</i> .—Pole climbing plant, with large clusters of handsome flowers, producing, later in the season, in place of the flowers, pods of a deep purple color; very ornamental.
“ <i>Hyacinth Bean</i> .....	hA	10.	“	“	“	“
<i>Elichrysium monstrosum</i> .....	hhA	2	mixed.	B	5	<i>Elichrysium</i> .—Everlasting or Eternal Flowers. Should be cut before the flowers are fully expanded and dried in the shade, if desired to be saved for winter bouquets.
<i>Eragrostis elegans</i> .....	“	2	“	B	5	<i>Eragrostis</i> .—Love Grass, for dried bouquets.
<i>Erysimum Arkansanum</i> .....	hA	1	yellow.	A	5	<i>Erysimum</i> .—Showy annuals for borders or masses.
“ <i>Peroffskianum</i> .....	“	1½	orange.	“	5	“
<i>Erianthus Ravennæ</i> .....	hP	10	“	C	10	<i>Erianthus</i> .—A superb grass, resembling Pampas grass.
<i>Eschscholtzia californica</i> .....	hA	1	yellow.	E	5	<i>Eschscholtzia</i> .—California Poppy.
<i>Eucharidium grandiflorum</i> .....	“	1	mixed.	“	5	<i>Eucharidium</i> .—Pretty flowering annuals similar to <i>Clarkia</i> .
“ .....	“	2	white.	“	5	“
<i>Euphorbia variegata</i> .....	“	2	“	E	5	<i>Euphorbia</i> .—Variegated foliage.
<i>Fenzlia dianthiflora</i> .....	“	¼	rosy lilac.	“	10	<i>Fenzlia</i> .—Splendid dwarf growing plant, suitable for small vases or pots, rustic work or windows. Remains in bloom a long time.
<i>Feverfew</i> .....	“	“	“	E	5	<i>Feverfew</i> .—See <i>Matricaria</i> .
<i>Forget-me-not</i> .....	“	“	“	D	5	<i>Forget-me-not</i> .—See <i>Myosotis</i> .
<i>Four o'clock</i> .....	“	“	“	A	5	<i>Four o'clock</i> .—See <i>Mirabilis</i> .
<i>Foxglove</i> .....	“	“	“	C	5	<i>Foxglove</i> .—See <i>Digitalis</i> .
<i>Gaillardia picta</i> .....	hhA	1½	yellow.	A	5	<i>Gaillardia</i> .—Very showy flowering plants, adapted for bedding, also charming for pot plants.
“ .....	“	1½	mixed.	“	5	“
<i>Gilia</i> .....	hA	1	finestmix'd	A	5	<i>Gilia</i> .—See <i>Ten Weeks Stock</i> .
<i>Gilly Flower</i> .....	“	“	“	B	5	<i>Gilly Flower</i> .—See <i>Ten Weeks Stock</i> .
<i>Globe Amaranthus</i> .....	“	“	“	“	5	<i>Globe Amaranthus</i> .—See <i>Gomphrena</i> .
<i>Gloxinia French hybrida</i> , saved from choicest flowers. ....	“	1	mixed.	F	50	<i>Gloxinia</i> .—Stove house plants of great beauty.
<i>Godetia rubicunda</i> .....	hA	1½	rose.	A	5	<i>Godetia</i> .—Excellent free blooming plants, very desirable for beds, borders and ribbons.
“ <i>finest mixed</i> .....	“	1½	mixed.	“	5	“
<i>Golden Eternal Flower</i> .....	“	“	“	A	“	<i>Golden Eternal Flower</i> .—See <i>Elichrysium</i> .
<i>Gomphrena globosa</i> .....	“	“	“	D	“	<i>Gomphrena</i> .—Very handsome everlasting flowers. Should be cut when fully grown and hung up to dry in a dark dry place.
“ “ <i>mixed</i> .....	hhA	2	mixed.	“	5	Extensively used in Christmas Evergreen Wreaths.
<i>Golden Feather</i> .....	“	“	“	A	“	<i>Golden Feather</i> .—See <i>Pyrethrum</i> .
<i>Gourds</i> .....	hhA	15	mixed.	E	5	<i>Gourds</i> .—Ornamental climbing plants, producing fruit of the most singular forms and colors; very desirable for trellises, screens or arbors.
<i>Gynerium argenteum</i> .....	hhP	12	silver.	F	5	<i>Gynerium</i> .—Pampas Grass.
<i>Gypsophila elegans</i> .....	hA	1½	white.	E	5	<i>Gypsophila</i> .—Fine airy flowers, suitable for bouquets; very nice for growing in masses.
<i>Heartsease</i> .....	“	“	“	B	“	<i>Heartsease</i> .—See <i>Viola tricolor maxima</i> .
<i>Helianthus macrophyllus giganteus</i> .....	hA	10	yellow.	E	5	<i>Helianthus</i> .—Sunflower. Tall growing plants with immense yellow flowers.
“ <i>californicus</i> double. ....	“	6	orange.	“	5	“
“ <i>globosus fistulosus</i> , fl. pl. ....	“	4	saf. color.	“	5	<i>Helianthus globosus fistulosus</i> fl. pl. —Flowers very large and double.
“ <i>nanus plena</i> .....	“	2	dbl. yellow.	“	5	“
<i>Heliotropium</i> , dark varieties. ....	hhP	2	mixed.	F	10	<i>Heliotropium</i> .—Heliotrope.
<i>Hibiscus africanus</i> .....	hA	1½	sul.&black.	“	5	<i>Hibiscus</i> .—Commonly named African Rose.
<i>Hollyhock</i> , best double. ....	hP	6	mixed.	“	10	<i>Hollyhock</i> .—Saved from the best double sorts of the finest strains.
“ <i>Chater's d'ble extra fine</i> .....	“	6	“	“	10	“
<i>Honesty</i> .....	“	“	“	“	“	<i>Honesty</i> .—See <i>Lunaria</i> .
<i>Hyacinth Bean</i> .....	“	“	“	“	“	<i>Hyacinth Bean</i> .—See <i>Dolichos</i> .
<i>Iberis</i> (Candytuft) .....	hA	1	mixed.	“	“	<i>Iberis</i> .—One of the best of annuals; excellent for growing in masses, edgings, borders, rockeries and rustic work.
“ <i>coronaria white rocket</i> .....	“	“	white.	“	“	“
“ <i>umbellata</i> .....	“	“	“	“	“	“
“ <i>purpurea</i> (Dunnett's). ....	“	“	dark crim.	“	“	<i>I. sempervirens</i> , or perennial Candytuft.

Hardware is Necessary in all Families—Buy of Us.

Beautify your Lawn by Using Our Seeds and Fertilizers.

NAME	Hardness and Duration	Height Feet.	Color of Flower.	Per Pkt	GENERAL OBSERVATIONS.
<i>Iberis lilacina</i> .....	hA	1	deep pur.	10	is perfectly hardy, flowering very early in the spring.
" <i>sempervirens</i> .....	hP	1	white.	10	
" <i>pectinata odorata</i> .....	hA	1	"	10	
<b>Ice Plant</b> .....					<b>Ice Plant.</b> —See <i>Mesembryanthemum</i> .
<b>Indian Shot</b> .....					<b>Indian Shot.</b> —See <i>Canna</i> .
<i>Ipomæa bona nox</i> .....	hhA	10	white.	5	<i>Ipomæa bona nox</i> .—Evening Glory.
" <i>coccinea</i> .....	"	10	scarlet.	5	<i>I. coccinea</i> .—Star <i>Ipomæa</i> . <i>I. grandiflora</i> .—Variegated Morning Glory.
" <i>marmorata grandiflora</i> .....	"	10	variegated.	5	<i>I. quamoclit</i> .—Cypress Vine. An elegant and exceedingly graceful, fine foliaged climber, with star-like blossoms of various colors. The seed should be sown the last of May in a warm, sunny location.
" <i>quamoclit</i> (Cypress Vine).....	"	10	mixed.	5	
<b>Jacobæa</b> .....					<b>Jacobæa.</b> —See <i>Senecio</i> .
<b>Job's Tears</b> .....					<b>Job's Tears.</b> —See <i>Coix lacryma</i> .
<b>Lady's Slipper</b> .....					<b>Lady's Slipper.</b> —See <i>Calceolaria</i> and <i>Balsam</i> .
<b>Lantana, hybrida finest</b> .....	hhP	2	mixed.	10	
<b>Larkspur</b> .....					<b>Larkspur.</b> —See <i>Delphinium</i> .
<i>Lathyrus odoratus</i> (Sweet Pea).....	hA	5	mixed.	5	<b>Lathyrus.</b> —Sweet Pea. Fragrant and profuse flowering climbing plants continuing in blossom throughout the season. The seed should be sown as early as the ground can be worked in the spring, to enable the vines to get a good strong growth before the warm weather comes. Sow the seed in rows and support the vines with brush, or with strong twine fastened to stakes set among the plants. Our seed is saved only from the very finest sorts cultivated, and are true to name.
" <b>Painted Lady</b> .....	hP	5	rose & wh.	5	<b>Lavender.</b> —See <i>Lavendula</i> .
" <b>Everlasting Pea</b> .....	hP	5	"	5	<b>Lavendula.</b> —Well-known old-fashioned flower, highly prized for its peculiar odor.
" <b>white</b> .....	hP	5	"	5	<b>Leptosiphon.</b> —Very pretty for ribbon beds and borders; colors blue, white, lilac, sulphur, purple and orange.
<b>Lavender</b> .....	hP	2	violet.	5	<b>Linaria.</b> —Kenilworth or <i>Coliseum Ivy</i> .
<b>Lavendula</b> .....	hP	2	violet.	5	<b>Linum.</b> —Scarlet Flax.
<b>Leptosiphon hybridus, French</b> .....	hA	¾	various.	10	<b>Loasa.</b> —Climbers, with curious flowers.
<b>Linaria cymbalaria</b> .....	hP	1	lavender.	10	<b>Lobelia cardinalis.</b> —Cardinal Flower.
" <b>Finest mixed</b> .....	hA	1	mixed.	5	With darkest leaves, very beautiful.
<b>Linum grandiflorum rubrum</b> .....	hP	1	splen. scar.	5	<b>L. speciosa.</b> —One of the most effective varieties for bedding. <i>L. erecta</i> .—Excellent for edgings and ribbon, or carpet-bedding; very fine and compact.
<b>Loasa hispida</b> .....	hA	1	golden yel.	5	<b>Lophospermum.</b> —Beautiful climbing plant, with very large trumpet-shaped flowers.
" <b>tricolor</b> .....	hA	1	yel. shaded	5	<b>Love-in-a-mist.</b> —See <i>Nigella hispanica</i> .
<b>Lobelia cardinalis Queen Victoria</b> .....	hP	2	scarlet.	10	<b>Love-in-a-puff.</b> —See <i>Balloon Vine</i> .
" <i>erinus gracilis</i> .....	hA	¾	dark blue.	10	<b>Love-lies-bleeding.</b> —See <i>Amaranthus caudatus</i> .
" <i>speciosa Crystal Palace</i> .....	"	½	"	10	<b>Lunaria.</b> —Honesty.
" <i>erecta</i> .....	"	½	"	10	<b>Lupinus.</b> —Lupine. Splendid plants, with long spikes of rose, white, lilac, red, yellow and blue flowers.
<b>Lophospermum scandens</b> .....	hhA	10	mixed.	15	<b>Lychnis.</b> —Ragged Robin.
<b>Love-in-a-mist</b> .....					<b>Maize.</b> —Striped Japanese Corn. Very ornamental.
<b>Love-in-a-puff</b> .....					<b>Marigolds.</b> —See <i>Tagetes</i> .
<b>Love-lies-bleeding</b> .....					<b>Martynia fragrans.</b>
<b>Lunaria annua</b> .....	hB	2	purple.	5	<b>Marvel of Peru.</b>
<b>Lupinus finest annual sorts mixed</b> .....	hA	2	mixed.	5	<b>Matricaria capensis fl. pl.</b>
<b>Lychnis Haageana Fine Hybrid</b> .....	hP	1	scarlet.	5	<b>Maurandia Barclayana.</b>
<b>Maize Japanese</b> .....	hA	4	striped leaf	5	finest colors.
<b>Malope grandiflora</b> .....	"	1½	mixed.	5	<b>Mesembryanthemum crystallinum</b> .....
<b>Marigolds</b> .....	"	1½	mixed.	5	hhA 10 ½ white.
<b>Martynia fragrans</b> .....	hhA	1½	crimson.	5	
<b>Marvel of Peru</b> .....	hhP	1	white.	5	
<b>Matricaria capensis fl. pl.</b> .....	hhP	1	white.	5	
<b>Maurandia Barclayana</b> .....	hhP	10	mixed.	10	
" <b>finest colors</b> .....	hA	10	white.	10	
<b>Mesembryanthemum crystallinum</b> .....	hA	½	white.	5	
<b>Mignonette</b> .....					<b>Mignonette.</b> —See <i>Reseda</i> .
<b>Mimosa pudica</b> .....	hhA	12	pink. wht.	5	<b>Mimosa.</b> —Sensitive Plant.
<b>Mimulus cardinalis</b> .....	hhP	1	scarlet.	5	<b>Mimulus cardinalis.</b> —Monkey Flower; will bloom the first season from seed.
" <b>nigra</b> .....	"	1	spotted.	10	

NAME	Hardness and Duration	Height, Feet	Color of Flower	Per Pkt.	GENERAL OBSERVATIONS.
Mimulus moschatus.....	hhP	½	yellow.	10	They like a damp, shady situation. <b>M. moschatus.</b> —Musk Plant.
Mirabilis jalapa.....	"	2	finestmix'd	5	<b>Mirabilis.</b> —Marvel of Peru; Four o'clock.
Momordica balsamina.....	hhA	10	yellow.	5	<b>Momordica.</b> —Balsam Apple; trailing plants; fruit ornamental, yellow outside, when ripe, bursting open, showing its brilliant carmine interior.
Monkey Flower.....	---	---	---	10	<b>Monkey Flower.</b> —See Mimulus.
Morning Glory.....	---	---	---	5	<b>Morning Glory.</b> —See Convolvulus major.
Mourning Bride.....	---	---	---	5	<b>Mourning Bride.</b> —See Scabiosa.
Mukia scabrella.....	A	10	sc. fruit.	10	<b>Mukia.</b> —Handsome Climber, with scarlet berries.
Musk Plant.....	---	---	---	---	<b>Musk Plant.</b> —See Mimulus.
Myosotis alpestris cerulea.....	hP	1/8	blue.	10	<b>Myosotis.</b> —Forget-me-not; thrives best in moist and shady situations.
" azorica.....	hP	1/8	dark blue.	10	
" palustris.....	hP	1/4	blue.	10	
Myrsiphyllum asparagoides.....	gP	10	foliage orn.	20	<b>Myrsiphyllum.</b> —Smilax; very graceful climber. Valuable for cutting for bouquets and decorations.
Nasturtium.....	---	---	---	---	<b>Nasturtium.</b> —See Tropaeolum.
Nemesia.....	hA	1	mixed.	10	<b>Nemesia.</b> —Compact growing and immensely profuse flowering.
Nemophilla insignis.....	"	1	mixed.	5	<b>Nemophilla.</b> —Very pleasing whether arranged in masses, ribbons or borders; of very compact growth and free flowering.
Nicotiana atropurpurea grand.....	hhA	8	purple.	10	<b>Nicotiana tabacum fol. var.—New,</b>
" tabacum fol. var.....	hP	8	str. leaf.	10	striped leaves.
Nigella damascena, fl. pl.....	hA	1 1/2	dark blue.	5	<b>Nigella.</b> —Devil-in-a-bush. <b>N. hispanica.</b> —Love-in-a-mist.
" hispanica.....	"	1 1/2	purple.	5	
Nolana atriplicifolia.....	"	1 1/2	mixed.	5	<b>Nolana.</b> —Trailing plants; very useful for rustic work, hanging baskets and rockeries.
Nun's Whipping Post.....	---	---	---	---	<b>Nun's Whipping Post.</b> — <i>A. nananthus</i> melancholicus.
Oenothera grandiflora Lamarckiana.....	hP	3	yellow.	5	<b>Oenothera.</b> —Evening primrose; large flowers three to four inches in diameter.
Pansy.....	---	---	---	---	<b>Pansy.</b> —See Viola tricolor.
Papaver carnation double.....	hA	2	mixed.	5	<b>Papaver.</b> —Poppy; brilliant flowers, large and showy.
Peas, Sweet.....	---	---	---	---	<b>Peas, Sweet.</b> —See Lathyrus odoratus.
Pentstemon hybridus.....	hP	2	mixed.	25	<b>Pentstemon.</b> —Herbaceous plants; start in hot-bed, in shape the flowers resemble the Gloxinia, and are of great beauty.
Perilla nankinensis.....	hhA	2	foliage orn.	5	<b>Perilla.</b> —Invaluable for contrasting with silver-leaved bedding plants; bronzy purple.
Petunia grandiflora Kermesina.....	hhP	2	crimson.	25	<b>Petunia grand. kermesina.</b> —With white throat; very large. <b>P. grand. maculata.</b> —Large flowering; blotched. <b>P. grand. purpurea.</b> —Fine dark varieties; splendid. <b>P. splendid single.</b> —Saved from the choicest flowers; very large. <b>P. extra fine.</b> —Double.—The seed of this strain has been obtained from the most perfect double blooms only.
" " maculata Inimitable.....	"	2	blotched.	25	
" " purpurea.....	"	2	purple.	25	
" " splendid single.....	"	2	mixed.	25	
" " extra fine, double.....	"	2	"	50	
" " fimbriata, splendid mixture, fringed varieties.....	---	---	---	50	
Petunia hybrida, extra fine.....	hhP	2	mixed.	10	<b>Petunia grand. fim. splendid mixture,</b>
" " grandiflora fimbriata, fl. pl., splendid mixture.....	"	2	mixed.	50	fringed varieties.
Petunia hybrida, first quality.....	"	2	"	10	<b>Petunia hyb. grand. fimbriata, double</b>
" nana, compacta multiflora.....	---	---	---	10	splendid mixture.
" " nyctaginiflora.....	hhP	2	white.	5	<b>Petunia n. com. mult.</b>
Phlox Drummondii.....	hA	1	finestmix'd	5	<b>Phlox.</b> —Excellent for bedding in masses or for borders, flowering in great profusion.
" " alba.....	"	1	white.	5	<b>Alba aculata.</b> —White, with purple eye.
" " alba oculata.....	"	1	wht. & pur.	5	<b>Atropurpurea.</b> —Black warrior, deep blood purple. <b>Coccinea.</b> —Brilliant scarlet.— <b>Leopoldi.</b> —Bright rose, white eye.
" " coccinea.....	"	1	scarlet.	5	<b>Radowitzki.</b> —Rose striped. <b>Queen Victoria.</b> —Blue, white eye.
" " Radowitzki.....	"	1	rose & wht.	5	
" " Leopoldi.....	"	1	blue & wht.	5	
" " Queen Victoria.....	"	1	"	5	
Poppy.....	---	---	---	---	<b>Poppy.</b> —See Papaver.
Poor Man's Weather Glass.....	---	---	---	---	<b>Poor Man's Weather Glass.</b> —See Anagallis.
Portulaca finest single.....	hA	1/2	mixed.	5	<b>Portulaca.</b> —Beautiful showy annuals, blooming all summer long, delightful in a sunny situation. Most desirable for exposed lawn borders and masses. Excellent for rockeries—the double varieties are unsurpassed for brilliancy of color. It is noticeable that a bed of Portulacas will
" " grandiflora d'ble, ex. qual.....	"	1/2	"	15	

Additional Flower Seeds on pages 20, 21, 22.

Hardware for Mechanic and Farmer.

Good Seeds and Fertilizers make Beautiful Lawns. We have both.

NAME.	Hardness and Duration.	Height. Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
Portulaca.....	.....	.....	.....	..	seed itself for a number of years in succession, being naturally adapted to our climate.
Primula sinensis.....	hhP	¾	mixed.	25	Primula.—Should be sown in under glass in February and March, although many follow the English custom of sowing in July and August, but which proves to be less successful in this country. Our seed is raised by the most renowned growers in England, and have always given the best satisfaction.
“ “ fimbriata.....	“	¾	“	50	Reseda.—Mignonette Sweet. R. ameliorata is a large flowered variety and of pyramidal growth, esteemed very highly. Miles' New Spiral very profuse flowering, bearing flowers in spiral spikes from 8 to 15 inches in length and delightfully odorous.
Pyrethrum parthenifolium aurea.....	hP	1	foliage yel.	10	Pyrethrum.—Golden Feather, or Few. P. fol. lac.—Splendid acquisition with elegant laciniated foliage.
“ Golden Feather.....	hP	1	foliage yel.	20	Quaking Grass.—See Briza.
“ parth. aurea fol. laciniatiss.....	hP	1	foliage yel.	5	Ragged Robin.—See Lychnis.
Quaking Grass.....	.....	.....	.....	5	Reseda.—Mignonette Sweet. R. ameliorata is a large flowered variety and of pyramidal growth, esteemed very highly. Miles' New Spiral very profuse flowering, bearing flowers in spiral spikes from 8 to 15 inches in length and delightfully odorous.
Ragged Robin.....	hA	1	buff.	5	Ricinus.—Castor Oil Bean. A robust, stately growing, ornamental foliage plant, whose immense leaves render it an object of universal admiration. Excellent for centre plants in large beds where a sub-tropical effect is desired.
Reseda odorata.....	“	1	red.	5	Rose Campion.—See Agrostemma.
“ ameliorata.....	“	1	yellow.	5	Rose of Heaven.—See Viscaria.
“ “ Golden Queen.....	hA	1½	buff.	10	Rose of Sharon.—See Hibiscus.
“ “ Miles' New Spiral.....	“	2	“	10	Salpiglossis.—Highly ornamental; flowers are funnel-shaped, and beautifully and curiously marbled and penciled.
“ gigantea pyramidalis.....	“	1½	white.	10	Salvia.—Brilliant and exceedingly useful for back-ground bedding purposes. S. splendens is truly magnificent, being literally covered with gorgeous scarlet blossoms, and remaining in bloom very late.
“ Parson's New White.....	hhA	1	crimson.	10	Sanvitalia.—Flowers bright yellow and very double.
Rhodanthe maculata.....	“	1	white.	10	Saponaria.—Immensely profuse blooming annuals, producing masses of minute cross-shaped rose and white flowers.
“ alba.....	“	1	white.	10	Scabiosa.—Mourning Bride, or Sweet Scabiosa. S. atro. cand.—Excellent for cutting for bouquets.
Ricinus borboniensis arboreus.....	“	15	orn. fol.	5	Sedum.—Stone crop.
“ giganteus glaucus.....	“	10	“	5	Senecio.—Jacobæa.
“ Gibsons.....	“	8	“	5	Sensitive Plant.—See Mimosa.
“ sanguineus (Obermanni).....	“	10	“	5	Silene.—Catch-fly.—Dwarf compact growing edging plants, literally covered with blossoms.
“ species from the Philippines.....	“	10	“	5	Smilax.—See Myrsiphyllum.
“ dwarf rose.....	“	4	“	5	Snapdragon.—See Antirrhinum.
Rose Campion.....	.....	.....	.....	5	Solanum capsicastium.—Jerusalem Cherry.
Rose of Heaven.....	.....	.....	.....	5	Statice.—Purple and yellow flowers, remaining a long-time in a good condition after being cut; valuable for winter bouquets.
Rose of Sharon.....	.....	.....	.....	5	Stipa.—Feather Grass.
Salpiglossis variabilis, fine mixed.....	hhA	2	mixed.	5	Stocks, Ten Weeks, or Gilliflower.—This is one of the most popular flowers cultivated whether for borders, masses, hanging baskets or pot culture. Its bright colors and spicy fragrance render it an object of universal admiration. Double Dwarf; have very compact spikes of flowers and throw out many side shoots. The Large-Flowered are very similar, only the flowers are larger.
Salvia coccinea splendens.....	hhA	2	scarlet.	10	
“ splendens.....	hhP	3	“	25	
“ patens.....	“	2½	blue.	25	
“ argentea.....	hhA	“	silver.	25	
Sanvitalia procumbens, fl. pl.....	hA	¾	yellow.	5	
Saponaria.....	“	½	mixed.	10	
Scabiosa atropurpurea major.....	hA	2	fine mixed.	5	
“ atro. candidissima.....	“	1	pure white.	10	
“ minor, fl. pl.....	“	“	fine mixed.	5	
Schizanthus, finest.....	hA	1	mixed.	10	
Sedum coeruleum.....	“	¼	blue.	10	
Senecio double.....	“	1	finest mix'd	10	
“ dwarf.....	“	½	“	10	
Sensitive Plant.....	.....	.....	.....	5	
Silene armeria.....	hA	2	fine mixed.	5	
Smilax.....	.....	.....	.....	..	
Snapdragon.....	.....	.....	.....	..	
Solanum capsicastium.....	hhP	..	sc. fruit.	10	
“ Lobeli.....	.....	.....	.....	10	
Statice sinuata hybrida.....	hP	1	mixed.	5	
Stipa pennata.....	hP	2	.....	5	
Stocks, ten weeks (Mathiola).....	hhA	1½	mixed.	5	
“ double dwarf German.....	“	1	“	10	
“ “ large flowering.....	“	1	pure white.	10	
“ “ “.....	“	1	purple.	10	
“ “ “.....	“	1	dark crim.	10	
“ “ “.....	“	1	scarlet.	10	
“ “ “.....	“	1	canary yel.	10	
“ large flow'ing pyramidal dwarf.....	“	1	mixed.	10	
“ Winter, or Brompton.....	hB	2	“	10	
“ Emperor, or Perpetual.....	hhP	1½	“	10	

Our Flower Seeds are the Best Imported Stock.

Hardware of All Kinds—Buy of Us,

Tin Work Made and Repaired Promptly.

NAME	Hardiness and Duration.	Height, Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
Sunflower.....	..	..	..	..	Sunflower.—See Helianthus.
Swan River Daisy.....	..	..	..	..	Swan River Daisy.—See Brachycome.
Sweet Alyssum.....	..	..	..	..	Sweet Alyssum.—See Alyssum.
Sweet Pea.....	..	..	..	..	Sweet Pea.—See Lathyrus.
Sweet Rocket.....	..	..	..	..	Sweet Rocket.—See Hesperis.
Sweet Sultan.....	..	..	..	..	Sweet Sultan.—See Centaurea.
Sweet William.....	..	..	..	..	Sweet William.—See Dianthus.
Tagetes double African.....	hhA	2	mixed.	5	Tagetes.—Marigold; good old-fashioned flowers, very popular.
“ “ French.....	“	1½	“	5	
“ “ signita pumila.....	“	1	br. & yel.	5	
Tassel Flower.....	..	..	..	..	Tassel Flower.—See Calalia.
Thunbergia, finest.....	hA	6	mixed.	5	Thunbergia.—Rapid, free-blooming climbers, flowers buff, orange and white.
Trifolium suaveolens.....	“	2	..	5	Trifolium.—Sweet scented clover.
Trichosanthes coccinea.....	hhA	4	mixed.	10	Trichosanthes.—Small oval green and white marbled gourds, changing to scarlet, beautiful.
Tritoma uvaria.....	hP	4	orange red	10	Tritoma.—Red-hot-poker plant.
Tropæolum canariense.....	hhA	10	yellow.	10	Tropæolum Canariense.—Canary-bird Flower; a great favorite, with pretty yellow flowers, resembling a bird with wings spread; very graceful climber. T. Lobb. are very ornamental climbers, useful alike in the greenhouse, parlor or garden; constant bloomers. T. Majus is the tall growing Nasturtium; very serviceable for garden culture, as they withstand almost the most excessive drought; very free flowering, and vigorous growing climbers. T. Tom Thumb, are suitable to be grown in clumps, masses, or alone, and will produce the most pleasing effect. The kinds catalogued are those of most recent introduction, and form an assortment of unqualified excellence. Great pains have been taken to have all our varieties true to name, and we recommend them very highly.
“ Lobianum Brilliant.....	“	6	dark scar.	10	
“ “ Crown Prince of Prussia.....	“	6	blood red.	10	
“ “ Giant des Batailles.....	“	6	carmine.	10	
“ “ Lilli Smith.....	“	6	crimson.	10	
“ “ Napoleon III.....	“	6	ver. striped	10	
“ “ Lucifer (very rare).....	“	6	cri. dk. fol.	10	
“ “ Roi des Noirs.....	“	6	almost blk.	10	
“ “ Spitfire.....	“	6	bright scar.	10	
“ “ finest varieties.....	“	6	mix. colors.	5	
“ majus atropurpureum.....	“	6	black bro'n	10	
“ “ coccineum.....	“	6	scarlet.	10	
“ “ luteum.....	“	6	yellow.	5	
“ “ regelianum.....	“	6	pur. violet.	10	
“ cœruleo roseum.....	“	6	d. rose.	10	
“ majus, finest varieties.....	hhA	6	mixed.	5	
“ Tom Thumb, Carter's scarlet.....	hA	1	scarlet.	10	
“ “ Crystal Palace Gem.....	“	1	sul. col. spt.	10	
“ “ King of Tom Thumbs.....	“	1	dp. scarlet.	10	
“ “ King Theodore.....	“	1	very dark	10	
“ “ Pearl.....	“	1	nearly wht.	10	
“ “ Ruby King (new).....	“	1	carmine.	10	
“ “ luteum.....	“	1	bright yel.	10	
“ “ cœruleo roseum.....	“	1	mar. tint.	10	
Venus' Looking Glass.....	..	..	..	..	Venus' Looking Glass.—See Campanula speculum.
Verbena hybrida, choice named col's.....	hhP	..	mixed.	15	Verbena Candidissima, New.—With immense trusses of flowers of the purest white; best for sale plants. V. Striata.—Italian carnation-like striped, very choice.
Veronica syriaca.....	hhA	½	blue & wht.	5	Veronica.—Highly esteemed for edgings, rockeries, or pot plants.
“ “ fl. albo.....	“	½	white.	5	
Vinca rosea.....	g sh.	2	rose.	10	Vinca.—If sown early, in the house, will blossom same season; very bright shining green foliage, flowers are delightfully pleasing.
“ alba.....	g sh.	2	white.	10	
Viola tricolor maxima, Pansy, finest.....	hP	½	mixed.	5	Viola, Pansy.—Start early in March, in the house, if no greenhouse is convenient, a sunny window will answer. Sow lightly in fine loam, in a box or flower-pot, and transplant when well up. Transplant several times before finally transplanting out doors. Pinch off the first buds as soon as they appear, and from early fall until the ground freezes you will have the largest pansies possible to grow.
“ “ “ very large flow'g.....	“	½	“	5	
“ “ “ candidissima.....	“	..	white.	20	
“ “ “ Snow Queen.....	“	..	white.	10	
“ Emperor William.....	“	½	deep blue.	10	
“ Faust, or King of the Blacks.....	“	½	coal black.	10	
“ Odier, or five blotched.....	“	½	various.	10	
“ Gold-margined.....	“	½	mer. with y	10	
“ Violet color margined.....	“	½	mar. withw	15	
“ White Treasure.....	“	½	pure white.	15	
“ Yellow.....	“	½	pure yel.	15	
“ good quality.....	“	½	mixed.	5	
“ odorata. The Czar (Violet).....	“	¾	blue.	25	
Viscaria hybrida splendens.....	hA	1-2	mixed.	5	Viscaria.—Flowers maroon, pink, carmine and rose.
Waitzia grandiflora.....	hA	1	yellow.	20	Waitzia.—Everlasting flowers; very desirable for winter bouquets.
Wall Flower.....	hhP	1½	mixed.	10	Wallflower.—Cheiranthus.
Whitlavia grandiflora alba.....	hA	1½	white.	5	
“ “ “.....	“	1½	purple.	5	
Wigandia caracasana.....	hhS	8	or. leaf.	10	Wigandia.—Elegant, stately, ornamental plants.
“ vigieri.....	“	8	“	10	

## SHEARS, SCISSORS AND FINE CUTLERY.

We Carry a Fine Stock of Hardware, Glass and Putty.

Use our Special Lawn Dressing and Avoid Foul Weeds.



NAME.	Hardness and Duration.	Height. Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
Xeranthemum.....	hA	2	mixed.	10	Xeranthemum — Everlasting flowers, useful for summer or winter bouquets.
Zea Japonica.....	"	6	strip'd leaf.	5	Zea Japonica—See Maize.
Zinnia elegans fl. pl. ....	Ahh	2	mixed.	5	Double Zinnia — Of great beauty and very desirable for grouping or mixed borders; flowers of carmine, white, crimson, orange and purple flowers.

ORNAMENTAL GRASSES.

All of these varieties are exceedingly graceful, and very useful in making winter bouquets and various designs for winter decorations. Should be cut before they are entirely matured and hung up in bunches until perfectly dry.

NAME.	Hardness and Duration.	Height. Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
Agrostis nebulosa.....	hA	1	.....	5	Avena—Animated Oats.
Avena sterilis.....	"	2	.....	5	Briza—Quaking Grass.
Briza compacta.....	"	1	.....	5	Coix lacrymus—Job's Tears.
" maxima.....	"	1	.....	5	Eragrostis—Love Grass.
Bromus brizæformis.....	"	1	.....	5	Erianthus—Beautiful and very showy.
Coix lachryma.....	"	1½	.....	5	Gynierium—Pampas Grass.
Eragrostis elegans.....	"	1	.....	5	Stipa—Feather Grass.
Erianthus Ravennæ.....	hP	10	.....	10	Zea—Japanese Maize (striped leaves).
Gymnothrix latifolia.....	hhP	8	.....	5	
Gynierium argenteum.....	"	8	.....	5	
Stipa pennata.....	hA	1½	.....	5	
Zea Japonica.....	"	6	.....	5	

CLIMBING VINES, ORNAMENTAL GOURDS, &c.

NAME.	Hardness and Duration.	Height. Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
Abobra viridiflora.....	hhP	6	green.	5	Abobra — Ornamental Gourd, with elegant foliage and scarlet fruit.
Adlumia cirrhosa.....	hB	15	pink.	10	Adlumia—Mountain Fringe.
Aristolochia siphon.....	"	20	yel. & bro.	10	Aristolochia—Dutchman's Pipe.
Beans.....	hA	15	various.	5	Beans—Scarlet and White Runners.
Bryonopsis erythrocarpa.....	hhA	5	red.	10	Bryonopsis — Ornamental Gourd, striped, beautiful.
Balloon Vine.....	"	5	.....	5	Balloon Vine.
Calampelis scabra.....	"	8	orange.	10	Calampelis—Excellent for trellises.
Canary-bird-flower.....	"	10	yellow.	5	Canary-bird-flower — See Tropæolum canariense.
Cardiospermum halicacabum.....	"	10	white.	5	Cardiospermum—Balloon Vine.
Clematis.....	hP	10	mixed.	10	Coccinea—Ornamental Gourd with scarlet fruit.
Cobaea scandens.....	hhA	20	purple.	10	Convolvulus—Morning Glory.
Coccinea indica.....	hhP	6	red.	10	Cucumis—Ornamental Cucumber.
Convolvulus major.....	hhA	10	mixed.	5	Cucurbita — Ornamental Gourds, very desirable for screens.
" mauritanicus.....	hP	trail	blue.	15	
Cucumis.....	hhA	10	mixed.	10	
Cucurbita.....	"	.....	.....	5	
" Hercules' Club.....	hhA	16	yellow.	5	
" Mock Orange.....	"	16	"	5	
" Powder Horn.....	"	16	"	5	
" Smallest Lemon.....	"	6	"	5	
" Gooseberry.....	"	6	"	5	
" Pear-shaped.....	"	6	"	5	
Cypress Vine.....	"	10	.....	5	Cypress Vine—Ipomœa quamoclit.
Dolichos lablab, Hyacinth Bean.....	hA	10	purple.	5	
" ".....	"	10	white.	5	
" ".....	"	10	"	5	
Ipomœa bona nox.....	hhA	10	"	5	Ipomœa bona nox—Evening Glory. I.
" coccinea.....	"	10	scarlet.	5	coccinea—Star Ipomœa. I. marmo.
" marmorata grandiflora.....	"	10	variegated.	5	grand — Variegated Morning Glory.
" quamoclit Cypress Vine.....	"	10	mixed.	5	I. quamoclit—Cypress Vine.

NAME.	Hardness and Duration.	Height. Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
<i>Ipomæa quamoclit</i> .....	hhA	10	scarlet.	5	
" ".....	"	10	white.	5	
" ".....	"	10	rose.	5	
<i>Maurandia barclayana</i> .....	hhP	10	blue & wht	10	
" finest colors.....	"	10	mixed.	10	
<i>Momordica balsamina</i> .....	hhA	10	yellow.	5	
<i>Nasturtium Tall</i> , finest colors.....	"	6	mixed.	10	<i>Nasturtium—Tropæolum majus.</i>
" ".....	"	6	scarlet.	10	
" ".....	"	6	rose tinted.	10	
" ".....	"	6	violet.	10	
" ".....	"	6	yellow.	10	
Peas, Sweet, finest colors.....	hA	9	mixed.	5	<i>Peas, Sweet—See Lathyrus odoratus.</i>
" Capt. Clarke.....	"	9	tricolor.	5	
" Crown Princess of Prussia.....	"	9	blush.	5	
" Invincible.....	"	9	scarlet.	5	
" Red.....	"	9	dark.	5	
" White Striped.....	"	9	purple.	5	
" ".....	"	9	red.	5	
" Light Blue.....	"	9	purple.	5	
" Pure White.....	"	9	mixed.	5	
<i>Thunbergia</i> .....	hA	6	mixed.	5	

### EVERLASTING FLOWERS.

The same remarks previously written in regard to Ornamental Grasses are applicable to Everlasting Flowers.

NAME.	Hardness and Duration.	Height. Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
<i>Acrolinium roseum</i> .....	hhA	1	rose.	5	
" album.....	"	"	white.	5	
<i>Ammobium alatum</i> .....	hA	2	"	5	
<i>Gomphrena globosa</i> .....	hhA	2	red.	5	<i>Gomphrena—Globe Amaranthus.</i>
" ".....	"	2	white.	5	
" ".....	"	2	striped.	5	
" ".....	"	2	mixed.	5	
<i>Helichrysum monstrosum</i> .....	hA	2	white.	5	<i>Helichrysum—Elichrysum, or Eternal Flower.</i>
" ".....	"	2	yellow.	5	
" ".....	"	2	rose.	5	
<i>Rodanthe maculata</i> .....	hhA	1	"	10	
" " alba.....	"	1	white.	10	
<i>Xeranthemum</i> .....	hA	2	mixed.	10	

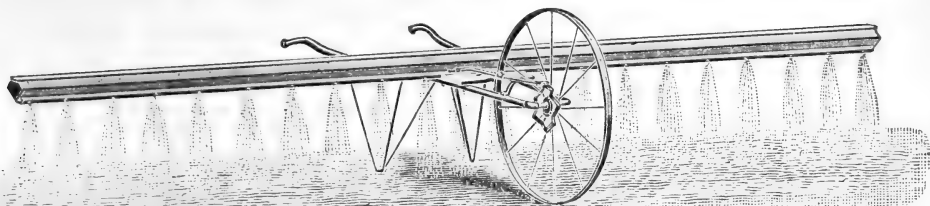
### List of Flower Seeds Suitable for Hanging-Baskets, Vases, and Window Boxes.

NAME.	Color of Flower.	Per Pkt.	NAME.	Color of Flower.	Per Pkt.
<i>Ageratum Mexicanum</i> .....	blue.	5	<i>Mesembryanthemum</i> , Ice Plant.....	mixed.	5
<i>Alyssum</i> , Sweet.....	white.	5	<i>Mimulus</i> , moschatus, Musk Plant.....	yellow.	10
<i>Anagallis</i> .....	mixed.	5	<i>Nasturtium</i> , dwarf.....	mixed.	5
<i>Calandrina umbellata</i> .....	crimson.	10	" <i>T. lobbianum</i> .....	"	10
<i>Centaurea gymnocarpa</i> .....	silver leaf.	15	<i>Nemophila insignis</i> .....	"	5
" candidissima.....	"	15	" maculata.....	"	5
<i>Clintonia elegans</i> .....	blue.	10	<i>Nolana atriplicifolia</i> .....	"	5
<i>Convolvulus mauritanicus</i> .....	lavender.	15	<i>Petunia</i> single.....	"	10
<i>Eucharidium grandiflorum</i> .....	crimson.	5	" double or fringed.....	"	50
<i>Fenzlia dianthiflora</i> .....	rosy lilac.	25	<i>Portulaca</i> double.....	"	15
<i>Gilia tricolor</i> .....	mixed.	5	<i>Sanvitalia procumbens</i> .....	yellow.	10
<i>Iberis amara</i> (Candytuft).....	white.	5	<i>Saponaria</i> .....	mixed.	10
<i>Linaria</i> (Coliseum Ivy).....	mixed.	5	<i>Sedum coeruleum</i> .....	"	10
<i>Lobelia crinus</i> .....	blue.	10	<i>Stocks</i> , large flowering.....	mixed.	10
" gracilis.....	"	10			

Use our Plant Food for Flowers, and Sheep Fertilizing for Lawns.  
For Small Tools, &c., see pages 17 to 29.



## WHEELBARROW SEEDERS.



WITH RUBBER, WIRE OR TWINE DISTRIBUTORS.  
WITH WOODEN OR IRON FRAME.

THEY CAN BE WORKED BY ANYONE WHO CAN RUN A WHEELBARROW.  
PRICE, \$6.50 TO \$8.00 EACH.

## THE LITTLE GIANT SEED SOWER.

This is the cheapest Crank Seeder on the market, and equal to the best for quality of work it does and durability. Don't pay \$5 00 for a seeder when you can get its equal for less money.

Will sow Wheat, Rye, Oats, Rice, Flax, Millet, Turnip Seed, Clover Seed, Grass Seed, including Light Grasses; in fact any kind of Seed broadcast. Also Plaster, Fertilizer, Salt, Ashes, etc.

They save one-third seed and two-thirds labor.

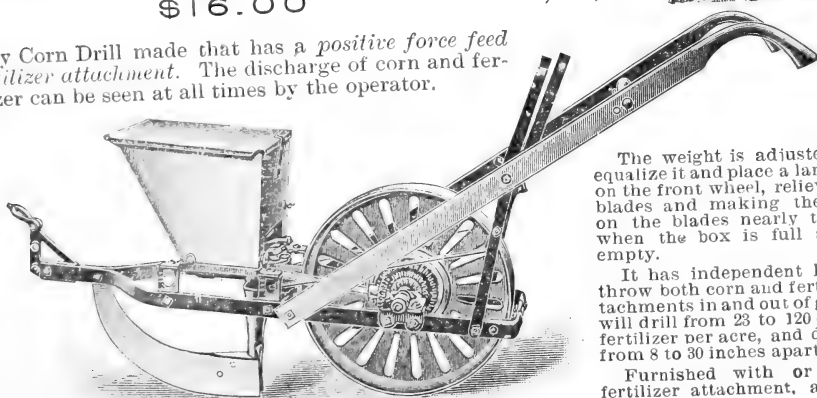
CRANK SEEDERS, - - - -	\$2.00
FIDDLE SEEDERS, - - - -	1.50



## Empire Combined Corn Drill,

\$16.00

Only Corn Drill made that has a *positive force feed fertilizer attachment*. The discharge of corn and fertilizer can be seen at all times by the operator.



The weight is adjusted so as equalize it and place a large share on the front wheel, relieving the blades and making the weight on the blades nearly the same when the box is full as when empty.

It has independent levers to throw both corn and fertilizer attachments in and out of gear, and will drill from 25 to 120 quarts of fertilizer per acre, and drop corn from 8 to 30 inches apart.

Furnished with or without fertilizer attachment, and with wheel or blade covers, as desired.

It has a brush cut-off which guarantees no breaking of grain.  
Two plates are furnished with this corn drill, one for large and one for small corn.

CATALOGUE FREE.

**We Sell Hardware of All Kinds.**



## PURE GROUND BONE,

Per 100, \$2.00

These fertilizers are free from foul seeds and are natural grass producers.

SHEEP FERTILIZER, \$2.50 PER 100 LBS.

## LAWN SEEDS.

We refer to the *best Lawns of Syracuse* to show what we are doing to promote this good work in our midst. For years we have studied the nature of grasses, their adaptation to soils, the time of maturing, height, color, etc., with this object in view. We use in our mixture only grasses that harmonize in color and size, using both early and late varieties, that our lawns may remain green and beautiful all through the season. We have reached the goal in this line, and we are sure there is no better mixture for lawns than ours. In the first place we intend to have our *Lawn Seed strictly pure*. We examine every variety under a glass before we mix them, that our lawn seed may be free from foul weeds. We use all fibrous rooted perennial grasses so that they will stand the drouth and close cutting with the lawn mower without killing. We select grasses that harmonize in size in order to produce a fine velvety appearance and form a thick covering on the ground.

Per lb., 25c.; per 100 lbs., \$18.00.

### LAWN HOSE.

Garden Hose, all sizes and prices.

Nozzles,  
Hose Menders,  
Garden Reels,  
Lawn Mowers,  
Lawn Seed,  
Lawn Dressing,  
Lawn Fertilizers,  
Lawn Rollers,  
Lawn Rakes,  
Lawn Weeders,  
Lawn Sprinklers,  
Lawn Baskets.



### GARDEN AND LAWN HOSE.

We carry a full line of  $\frac{1}{2}$  and  $\frac{3}{4}$  inch Hose of various grades from 8c to 20c per foot.

HOSE REELS at \$1.25.



## WRIGHT'S HANDY WEEDER.

CUT UP!  
PULL UP!  
PICK UP!  
Price 75c.

WE SELL FERTILIZERS OF ALL KINDS

# THE IRON AGE.

## FARM AND GARDEN IMPLEMENTS.

The "Iron Age" Catalogue for 1902  
will be sent Free upon Application.

### No. 6. Iron Age Combination Double Wheel Hoe, Hill and Drill Seeder.

Price, - - - \$10.00.



This tool is without question the most practical and complete combined garden implement ever offered the public. The ease and simplicity of adjustment, the lightness combined with great strength, the accuracy by which it drills or hills the seed, and the small amount of power required to operate it, are the most important features.

The Wheel is made of steel, 16 inches high; the frame of pipe, coupled to malleable castings. In each form, whether a Seed Drill, a Double Wheel Hoe or a Single Wheel Hoe, it is equal to any tool or tools made especially for the one purpose.

It places the seed in hills or drills, it plows, it rakes, it opens furrows, it covers, it hills, it hoes, it cultivates.

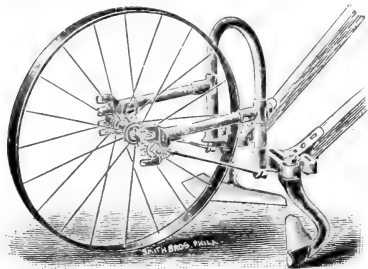
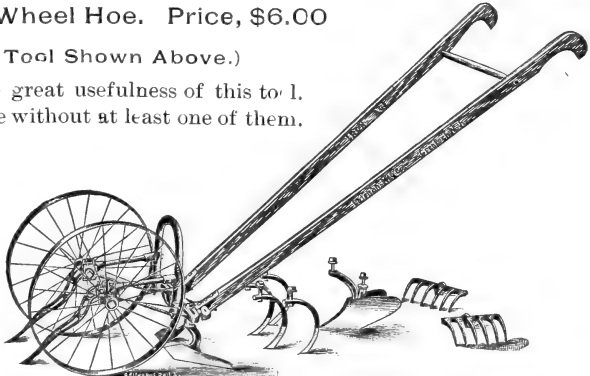
### No. 1. Iron Age Double Wheel Hoe. Price, \$6.00

(The Drill Form of the Tool Shown Above.)

At a glance one can see the great usefulness of this tool. The garden or farm is incomplete without at least one of them.

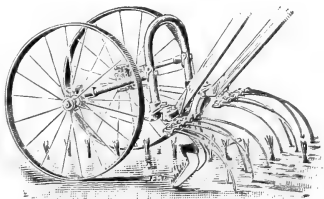
In cultivating onions, beets, turnips, radishes, etc., it is invaluable, saves hours of hard labor and does the work better than several men could do it in the same time. One great advantage which this Double Wheel Hoe possesses is that it can be made into a practical Single Wheel Hoe in a moment's time.

An axle is sent with every Double Wheel Hoe for this purpose. The wheels are 16 inches high, enabling the Wheel Hoe to run easy and without yielding to the inequalities of the soil, as a low wheel will do. The frame being made of tubing coupled to malleable castings gives great strength, together with lightness. All the tools shown in the cut go with the machine for the price, \$6.00.



Showing the Double Wheel Hoe Set up  
as a Single Wheel.

A Seed Drill attachment for sowing in rows only (No. 4) or for sowing both in rows and hills (No. 6), \$3.00 and \$4.00 respectively. When applied the tool is identical with that of the Iron Age No. 4 or No. 6. Combined tools, depending upon which seed attachment is applied



The Weeder Attachment. Price,  
per pair, \$1.00.

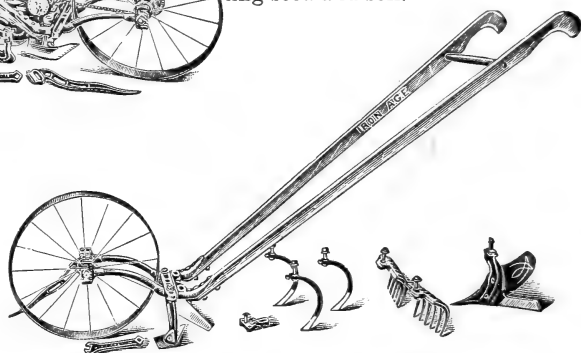
## No. 15 Iron Age Combined Single Wheel Hoe, Hill and Drill Seeder, Price \$9.00.

Combined in this tool is the best Hill and Drill Seeder and Single Wheel Hoe ever offered to the public. In combining these tools, not a single advantage of a separate Single Wheel Hoe or Seed Drill is lost. As each they are, in themselves, complete. Changed from one form to another almost instantly, completely filling every desire both as to method of handling seed and soil.



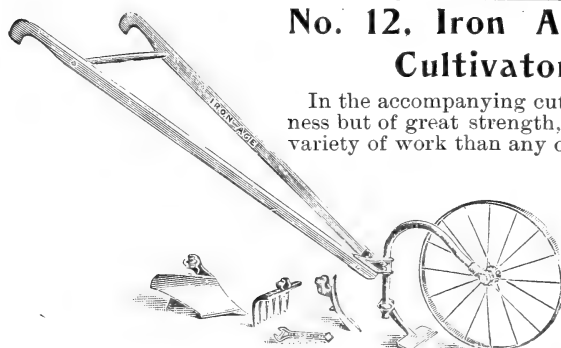
It places the seed in hills or drills, it plows, it rakes, it opens furrows, it covers, it hills, it hoes, it cultivates.

The wheel is made of steel, 16 in. high; the frame of pipe, coupled to malleable castings; therefore light, (runs easy) strong and durable.



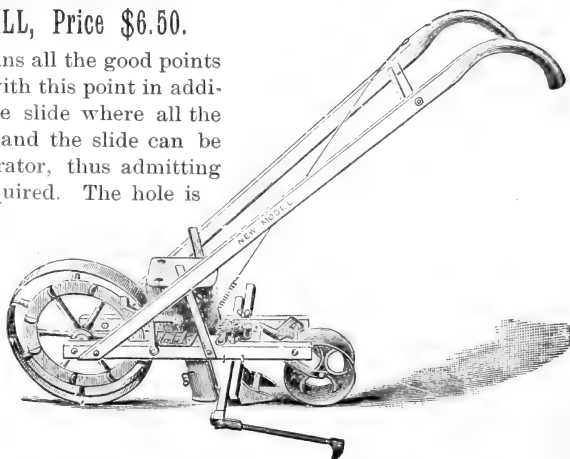
## No. 12. Iron Age Wheel Plow and Cultivator, price, \$3.00.

In the accompanying cut we show a tool of exceeding lightness but of great strength, which is designed to do a greater variety of work than any other tool of the same price. It will accomplish all the work necessary in a small garden,—plowing, furrowing, covering, hoeing, raking and cultivating. This tool is emphatically a friend of the laborer or mechanic who can afford only a small amount of money in a garden tool, and whose few moments in a garden must be devoted to “straight-ahead” work.



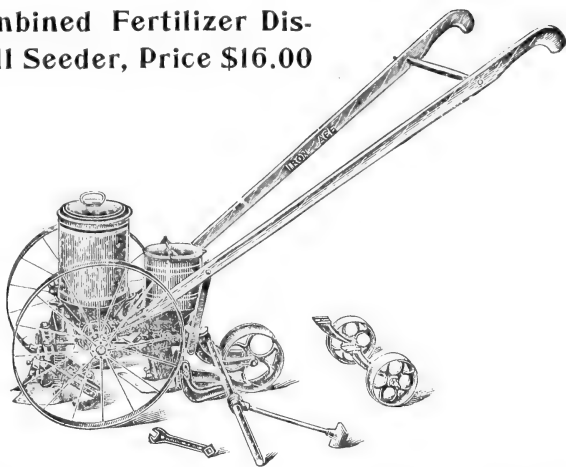
## THE NEW MODEL SEED DRILL, Price \$6.50.

The New Model Seed Drill contains all the good points of every old drill in the market, with this point in addition; the slide or hole through the slide where all the seeds have to pass, is adjustable, and the slide can be changed to a fraction by the operator, thus admitting exactly the quantity of seed required. The hole is diamond shaped, which is another advantage for rough or irregular shaped seed. CUT-OFF—The flow of seed can be instantly stopped by a swinging cut-off, conveniently operated by a cord and ring on handle. This cut-off prevents all loss of seed at an end of rows, and its swinging or gravity form will be found far preferable to one that slides under, as it cannot injure the falling seeds.



## No. 22. "Iron Age" Combined Fertilizer Distributor, Hill and Drill Seeder, Price \$16.00

In these days of strong competition in the growing of crops, it becomes necessary for the market gardener to make a study of the most economical use of fertilizers, and to obtain this economy requires such a tool as in accompanying cut, which applies the fertilizer in connection with the seed, just where it will do its greatest good; or, by the use of the same tool in its other form, as shown below by applying quick acting fertilizers to growing plants.



Although a tool designed to do so much, it is perfectly simple, light of draught, strong and perfect in the quality of the work done by it. These plows are adjustable in depth and width, which allows the adjustment at the depth at which the fertilizer is sown and allows its distribution in narrow streams at different distances. The Plows are immediately followed by the covers which draw the soil over the fertilizer just deposited.

The Fertilizer Distributor is thoroughly reliable in its distribution of fertilizer. It contains a force feed device which prevents stoppage by small lumps.

The Seed Sower Device is practically the same as used on Nos. 6 and 15 Combined Seed Drills. The seed may be sown in rows or dropped in hills at 4, 6, 8, 12 or 24 inches apart. For soft ground we can furnish a wide tire attachment.

## No. 23. "Iron Age" Fertilizer Distributor, (As a Side Dresser). Price \$12.00.

### Hill and Drill Seeder Attachment, \$4.00.

The side or top dressing of growing plants has become a practice of great importance. It is not merely a matter of the economical distribution of high priced fertilizers, but what is of more consequence, the placing of it just where the rootlets will quickly seize and absorb its chemical constituents.

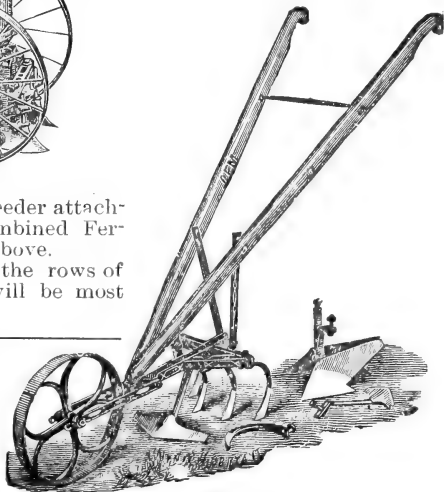


With the addition of the Hill and Drill Seeder attachment, this tool is identical with the No. 22 Combined Fertilizer Distributor Hill and Drill Seeder shown above.

This tool is operated by working astride the rows of growing plants, and the result accomplished will be most gratifying.

## Gem Single Wheel Hoe, \$4.00.

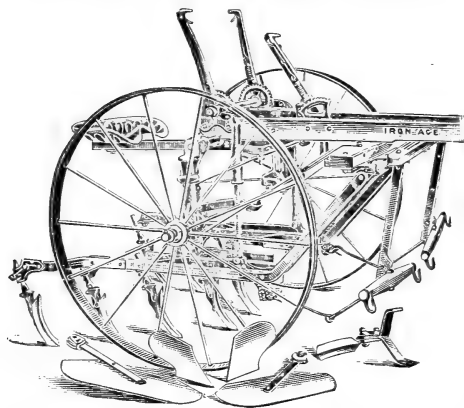
The popular GEM has been so largely used by the market gardeners that it needs no introduction. Being made mostly of steel and malleable iron it is strong yet light in weight. Sure to please.



## No. 60 "IRON AGE" PIVOT WHEEL RIDING CULTIVATOR.

Price, \$32.00.

Add for Plows 65 cts. Fallow Tooth \$1.00.



**Ball Bearings.**—It has wonderful ease of guidance, the pivots being vertical near the wheels, and the ends resting upon hardened steel balls.

**Spring Pressure Lock-Down.**—To prevent the gangs from rising and slipping over hard places, we furnish this Cultivator with a spring pressure lock-down, strong enough to hold it to its work in stiff ground, but weak enough to allow the gangs to rise before amage could occur to them or the standards.

**The Lever Gauge Adjuster** gives the operator immediate control of the width of his gangs. With this adjuster the gangs are always at equal distance from the center. One important feature of our Adjuster

is that the gangs, and necessarily the teeth, are always kept parallel with each other, each tooth presenting its face squarely to the front at all times, and therefore will not throw soil toward the row when expanded, and from the row narrowed up, as is the case when the gangs are pivoted at the front. Especially is this Adjuster valuable where the distance must be changed frequently.

The **Gangs** are of such design as to give great strength—very rigid, so as to instantly follow the directions given by the wheels. For cultivating potatoes and all close-grown crops the outside part of gang is removed, together with the standard and tooth.

The **Standards** are made of good steel and can be instantly adjusted in depth of angle of cut, or removed altogether by simply loosening one nut.

**Points.**—The steel points sent out on the Cultivator are  $2\frac{1}{2}$  inches in width and 10 inches long, while we have, also, of the same length, points  $1\frac{1}{2}$  and  $3\frac{1}{2}$  inches in width, meeting a call for those extremes.

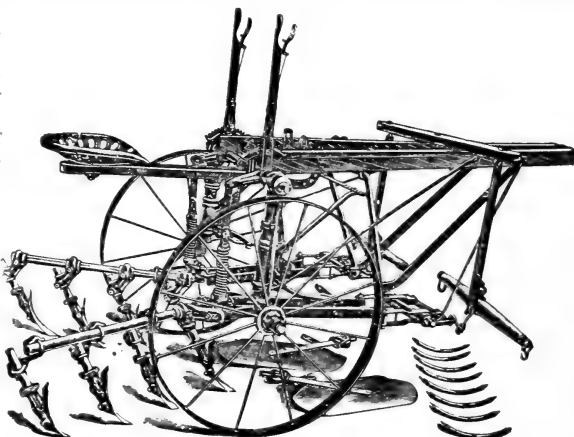
The **Wheels**, as shown in cut, have flanged tires to prevent slipping on hill sides. They are made of steel, and while they may appear light, yet they are very strong and durable.

## No. 70 "IRON AGE" Combined Pivot and Wheel Riding Cultivator, Price \$34.00.

Although a combined tool when used in either form, a Pivot or Fixed Wheel Cultivator, it is a thorough success, containing advantages over many tools made expressly as a Fixed or Pivot Wheel tool. The wheels are made of steel, 30 inches high with a broad face tire,  $2\frac{1}{2}$  inches wide. They are adjustable in width at any point between 42 inches as the widest and 32 inches as the narrowest. This adjustment allows for the entire cultivation of rows 54 inches apart, and as close as 28 inches or even narrower.

**Pivoted Gang Bars.**—The gang bars are hinged or pivoted, and the cultivating width can thus be quickly changed by the simple loosening and tightening of two bolts. They are of round bars of steel, with a groove that engages a rib on the tooth holder, thus preventing all danger of turning on the bar, while the eye-bolt firmly clamps the tooth holder to the bar, with no danger of sliding. This combination also gives the facility of changing the position of the teeth on the bar or of increasing or reducing the number.

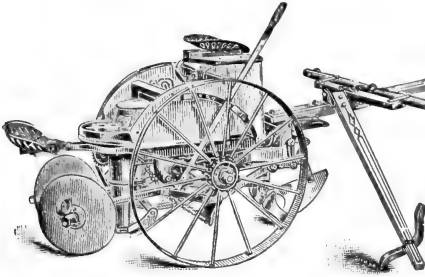
We call attention to our method of connecting the gangs in front—a connection of parallel links, giving an easy, swinging motion to the gangs, at the same time keeping them square to the front, instead of constantly changing the face of the teeth as occurs by the use of the ordinary single coupling. A **Spring Tooth Attachment** may be quickly and easily applied.



Price per set of 8 (including points) \$6.00.

## The Improved-Robbins Potato Planter.

### PRICE.



With Fertilizer Distributor.....	\$65.00
Without " ".....	55.00
Pea and Corn Sower Attachment.....	5.00
Leveler Attachment.....	.85

A machine that is completely and thoroughly successful. Has none of the faults of other planters, and does better work than planting by hand.

The opening plow is a double mold plow which throws out on each side a free furrow

of loose soil with no packing or wedging to crowd the future growth of the crop.

The fertilizer distributor sows the fertilizer in a broad stream 6 to 8 inches wide, in any quantity desired and same is mixed thoroughly with the soil by the shoe preceding the potato tube.

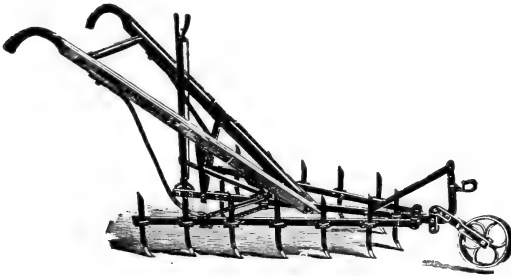
The seed is dropped at 12, 14, 15½, 17, 18½ or 20 inches apart. The change from one distance to another can easily be made by changing sprocket wheels. The covering is accomplished by means of a pair of discs which cover the seed with a full free covering.

The seed is neither punctured nor injured in any manner while being deposited in the furrow below, so one may rest assured the seed, after it is planted, is in as good condition as when first placed in the machine.

We refer you to these gentlemen who are using them: C. C. Wilcox, Oswego Falls, N. Y.; D. R. Overacre, Salina; Frank Horley, East Onondaga; T. A. Mitchell, Weedsport, N. Y.; Mr. Pendergast, Phoenix, N. Y.

## No. 1 "Iron Age" Combined Harrow and Cultivator.

### PRICE 5.00



An excellent tool for the cultivation of all small crops. Thoroughly pulverizes the soil without throwing but little dirt.

All believing in level culture should own one of these harrows.

## The No. 6 "Iron Age" Horse Hoe and Cultivator.

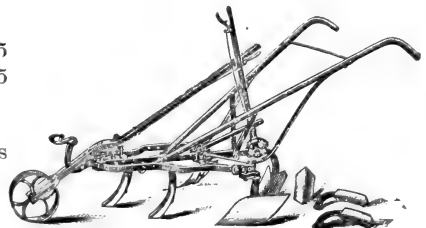
### PRICE.

Complete as in cut without Furrow .....	\$6 75
Closing Attachment.....	6.25

Is truly a 20th Century Tool.

Its great adjustability adapts it for numberless uses and conditions.

In each form it is simple, strong and effective.



BUY YOUR HARDWARE AND WHIPS OF US.  
WE SELL THE CELEBRATED BOWKER FERTILIZERS.



# MASTICA, FOR GLAZING

Greenhouses, Sashes, etc., new and old. It is elastic, adhesive and easily applied. It is not affected by dampness, heat or cold.

Every florist has experienced difficulty in obtaining putty (whether ordinary or white lead) for glazing, that is satisfactory for any length of time. The fact is putty is not adapted for greenhouse work. "Mastica," when applied, in a few hours forms a skin or film on the entire mass, hermetically sealing the substance, and preventing the evaporation of the liquids, and remains in a soft, pliable and elastic condition for years. "Mastica" is of great value in going over old houses with a putty bulb or machine on the outside of sash, as it makes it perfectly tight and saves the expense of re-laying the glass.

Prices of Mastica, soft for machine application,  $\frac{1}{2}$  gal., 65c.; gal., \$1.15. We are Sole Agents for Central New York.



Mastica  
Glazing  
Machine.

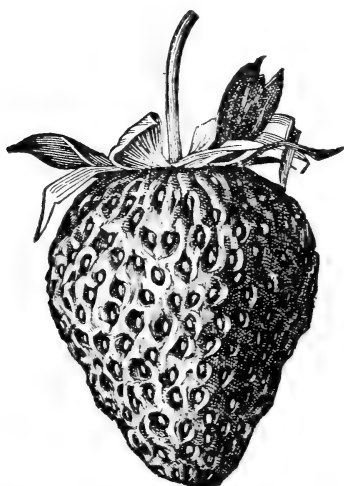
PRICE, \$1.25.

## STRAWBERRY PLANTS.

We are pleased to announce that we can furnish choice, thrifty Strawberry Plants of all the leading varieties and recommend them to our customers.

Prices are reasonable.

Leave orders early.



## BERRY BASKETS.

Under the new law all Berry Baskets must be made up to the standard size. We offer Berry Baskets of correct size and shape and well made. Prices right. Our Baskets fit the Crate perfectly. I can save you money on berry baskets if you will place orders early. Call and see us before purchasing.

## ENSILAGE FORKS \$1.00.

This is the best and most popular fork ever put on the market and fills a long felt want for a light, strong fork to handle ensilage, fine manure, etc.

Price, \$1.00.

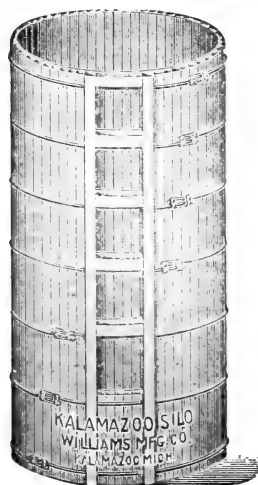
We also offer a fine Fork for handling Beets, Carrots, Corn in the Ear, Potatoes, etc. This is a light and exceedingly strong and well made Fork. Price, \$1.25.

Orders taken for this Silo.  
Price and particulars  
upon application. . . .

## FOR SALE AT A BARGAIN.

One Hand and Power Lathe, with Scroll and Circular saw; also Show Cases and Counters.

Lyons Fanning Mills, \$15.00.



## THE HIGH PRESSURE SPRAYER

### For Potato Bugs.

DIRECTIONS.—Fill one cylinder full of what is required. Close the faucet and filler hole tight. Work the pump  $\frac{1}{4}$  to  $\frac{1}{2}$  minute then turn the faucet and direct the spray where wanted.

This gives you 15 minutes' continuous work with a very fine or coarse spray, narrow or wide spread, as you wish; all controlled by turning the faucet.

Each cylinder will hold two gallons.

This will be the fastest seller yet offered for spraying purposes.



Knapsack Sprayers. Price \$2.50.



Rapid Work in a Potato Field.

### Adapted to the Following Uses.

1. It is best for rapid work and labor saving.
2. For killing potato bugs and insects of every nature.
3. For spraying fruit trees.
4. For spraying field crops of all kinds.
5. For keeping flies from live stock during the summer by spraying with Cattle Killer Oil.
6. For white-washing the walls of poultry houses and cow stables.
7. For spraying tobacco and hops in field.
8. For sprinkling floors evenly with oil or water.
9. As a fire extinguisher.
10. For disinfecting purposes.
11. For greenhouse and nursery work.

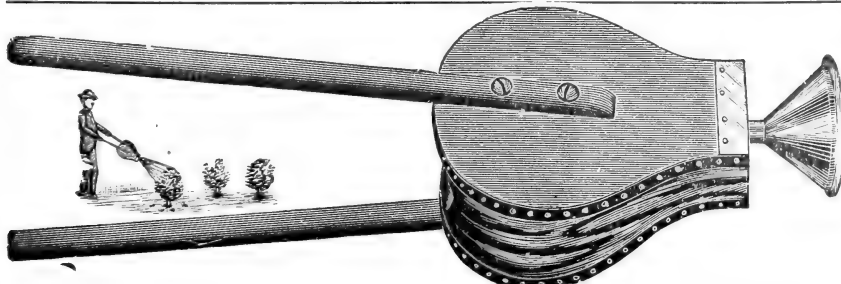
PRICE \$5.00.



Falling Over Top of Tree in Spray.



SYRINGES, \$1.00,  
\$2.25, \$3.00, \$4.50.



Effectual Cheap.  
Simple, Practical,

The Electric or Lightning Insect Exterminator. Price, 75c.

We sell the **SPRAMOTER** Pumps and Spraying Tools. Send for Catalogue of Spraying Tools.



We have sold **SLUG SHOT** for a great many years, and it is as popular and effective as ever.

**SLUG SHOT**—Is a light, composite, impalpably fine powder, easily distributed by Duster. Belows, or in water by spraying. It is thoroughly reliable in killing Currant Worms, Potato Bugs, Cabbage Worms, Lice, Slugs, Sow Bugs, etc., and is also strongly impregnated with fungicides.

**GRAPE DUST**—Is a readily diffusible, light-weight powder, **Fungicide**, very efficient in destroying Mildews and preventing blights, either in green-houses or in the open; also destroys Aphis and Black Fly.

## Bug Death



Pat. March 16 and Nov. 9, 1897.

Pat. in Canada Nov. 2, 1897,  
and Jan. 25, 1900.

### PRICE LIST.

1 Pound Package	-----	\$ 15
3 " " "	-----	35
5 " " "	-----	50
12 1-2 lb. " "	-----	1 00
Perfection Shaker	-----	65

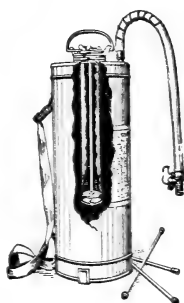
### AUTO-SPRAY NO. 1.



PRICE \$3.25.

Length of Cylinder, 21 inches.  
Diameter of Cylinder, 7 inches.  
Weight, empty, 7 lbs. Weight,  
loaded, 39 lbs. Capacity, about  
four gallons. Extension pipes  
extra.

### AUTO-SPRAY NO. 3.

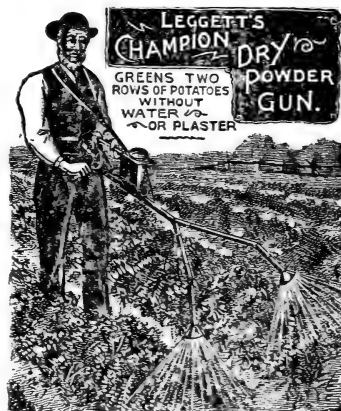


PRICE \$5.00.

Capacity.....2 gallons

Diameter .... 7 inches

Height .....12 inches



A wonderful invention. Light,  
swift, easy, safe, strong and cheap.

Price \$6.00.

## INSECTICIDES.

Bug Death.....	15, 35, 50c, \$1.00	Lambert's Death-to-Lace....	10, 25, 50, \$1.00
Tobacco Dust and Sulphur. per lb.....	.10	Persian Insect Powder.....	lb., .50
Nicoteen, per pint.....	.50	Jumbo Powder Gun.....	.25
Tobacco Soap, per pkg.....	.25 and .35	Cooper's Sheep Dip, per pkg..	.50 and 2.00
Tobacco Stems.....		Eureka Fumigator.....	1.25
Soluble Fir Tree Oil, per can.....	1.50	London Purple, per lb.....	.25
Whale Oil Soap, per pkg.....	5, 10 and .20	Hellebore, per lb.....	.20
Fir Tree Oil Soap, per pkg.....	.25	Grape Dust, per pkg.....	.50
Slug Shot, per lb.....	.06	Paris Green, per lb.....	.25

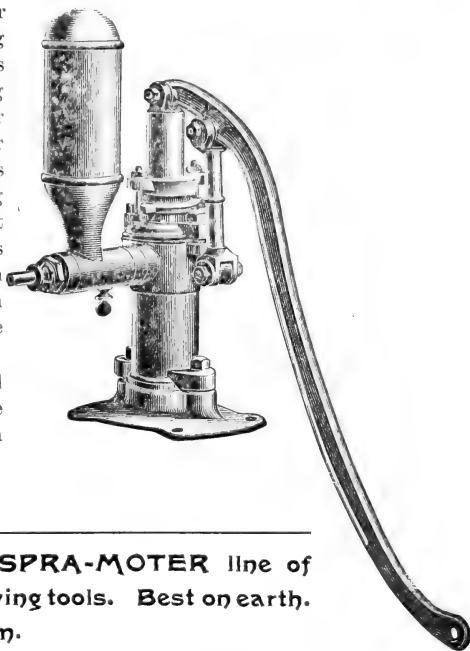
**BUY YOUR HARDWARE OF US. Prices Correct.**

**RUMSEY'S SUPERIOR DOUBLE-ACTING SPRAY PUMP.**

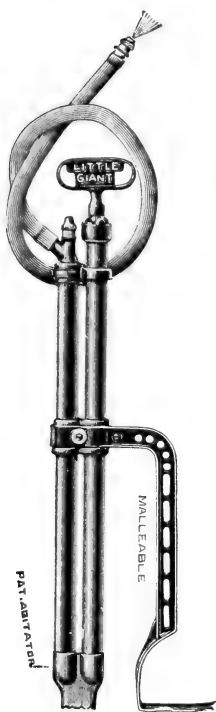
This represents our new Double-Acting Force Pump, which is superior to anything heretofore offered for spraying trees or plants with poisonous mixtures. Being double-acting it throws a continuous stream which, with our "Lilly" nozzle can be diffused over a wide area.

This pump is fitted for hose or iron pipe as ordered. Made in one size only.

Price, \$6.50



We offer the **SPRA-MOTER** line of pumps and spraying tools. Best on earth. Call and see them.



Price, \$3.00.

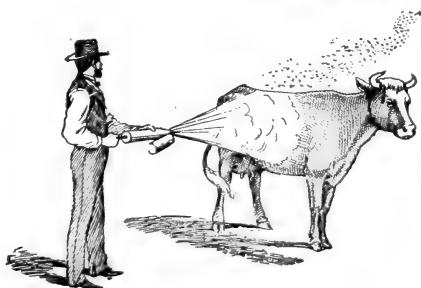
Myers Bucket Brass Spray Pump, with agitator, complete, with Hose, Combination, Fine and Coarse Spray and Solid Stream Nozzle.

**RUMSEY'S . . .**

**"LILLY" SPRAYING**

**. . . NOZZLE.**

PRICE 50 CENTS.



**CATTLE SPRAYING.**

Cyphers Anti Fly Pest.

Price, 1 qt. can 50c.; 2 qt. can 75c.; 1 gal. can \$1.00; 5 gal. can \$4.50

FIG. 663.



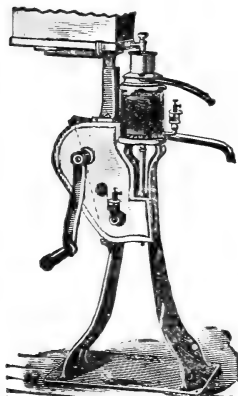
Price \$4.00. With 3 feet of  $\frac{1}{2}$  in. discharge hose and "Lilly" nozzle.

# U. S. Cream Separators

## and other Dairy Supplies.

AT SPECIAL PRICES THIS SEASON.

Capacities and Prices for 1902 on "New Century" Separators.



Improved U. S. Cream Separators with incased gear.

No. 9, capacity 150 to 175 lbs. per hour.....	Price \$ 50 00
No. 8, " 225 to 250 " " .....	" 65 00
No. 7, " 275 to 300 " " .....	" 85 00
No. 6, " 400 to 450 " " .....	" 100 00
No. 5, " 500 to 550 " " .....	" 125 00

The Nos. 8 and 9 have low frames; 5, 6 and 7 high frames.

We submit that the United States Separator has given the dairymen more for their money than any others and has always kept ahead in improvements, and is therefore entitled to the position it occupies of being first in their estimation and patronage.

The U. S. Separator can be seen at our store. Catalogue and information free.



### CREAM IN ONE HOUR.

THE GREAT LABOR SAVER.

## Wheeler's Gravity Cream Separator.

### PRICE LIST OF GRAVITY CREAM SEPARATOR.

No. 0 holds 7 gal., used for 1 to 2 cows. 60 lbs. milk per day, \$2.50	
No. 1 " 11 " " 2 to 3 " 100 " " " 4.50	
No. 1 1/2 " 18 " " 3 to 4 " 150 " " " 5.50	
No. 2 " 25 " " 4 to 7 " 200 " " " 6.50	

Platform Scales, \$9.00 to \$12.00.

Counter Scales, Single Beams.....\$2 50  
 " " Double " ..... 3 00

## Milking Tubes.

For sore and obstructed Teats and for Hard Milking Cows.

FULL DIRECTIONS WITH EACH TUBE. 50c TO \$1.25 EACH.

MILK BOTTLES.—We have the correct size in Pints and Quarts.

MILK CAPS.—These Milk Caps are the best and prices low.

MILK BOTTLES AND CAPS ALWAYS IN STOCK.

## EUREKA BUTTER WORKER.

## PRICE LIST.



No. 1, Family size, works	8 to 12 lbs.	-----	\$ 6 00
No. 2, Dairy size, "	10 to 20 lbs.	-----	8 00
No. 3, " "	20 to 40 lbs.	-----	10 00
No. 4, " "	40 to 60 lbs.	-----	12 00

Write for special circulars.

## Eureka Butter Printer.

Self-gauging.

Per pound or half pound.

No. 1.-----\$4 50

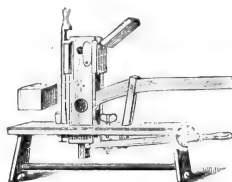
No. 2.-----3 50

NESBITT  
BUTTER PRINTER.

$\frac{1}{2}$  lb.-----\$4 00

1 lb.-----4 50

Self-gauging \$1 00  
extra.

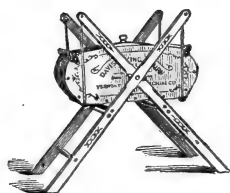


## Davis Swing Churn.

Complete With Folding Frame.

## PRICE LIST.

This is the regular frame, and is always sent unless specially ordered otherwise. Tilting Frame extra, \$1.00.



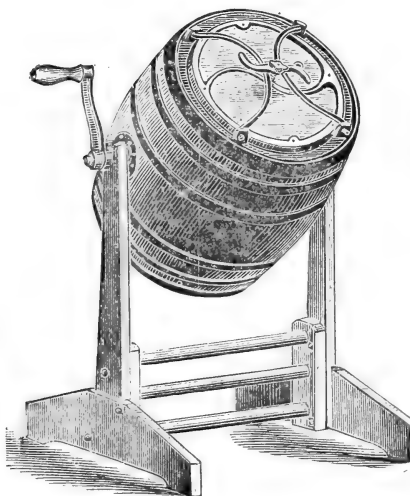
Davis Swinging Churn.

Size.	Will Churn.	Capacity.	Weight, Lbs.	Price.	Extra for iron Y and pitman
No. 1,	4 gal., or less,	8 gal.	55	\$ 7 90	\$ 75
No. 2,	5 gal., "	10 "	59	8 00	75
No. 3,	8 gal., "	16 "	73	10 00	75
No. 4,	10 gal., "	20 "	85	12 00	75
No. 5,	13 gal., "	25 "	98	15 00	1 00
No. 6,	17 gal., "	34 "	112	18 00	1 00

PRICE LIST  
—OF—

## Barrel Churns

No. 0, 4 gallon, will churn,	2 gallons.	-----	\$3 50
No. 1, 10 "	" "	-----	4 50
No. 2, 15 "	" "	-----	5 00
No. 3, 20 "	" "	-----	5 50
No. 4, 25 "	" "	-----	7 00
No. 5, 30 "	" "	-----	8 00



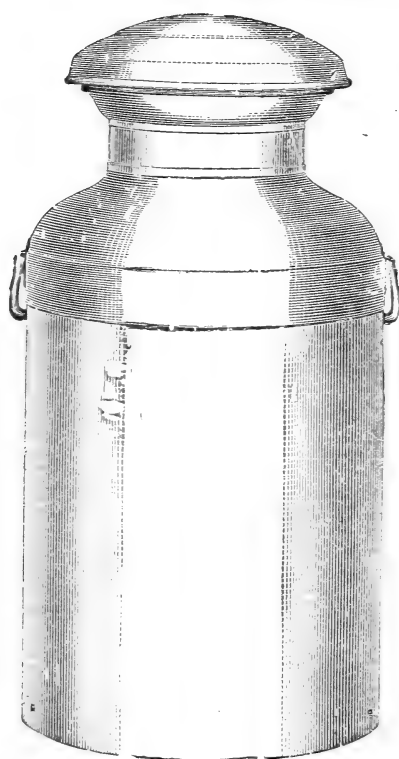
Oak Dash Churns, Stone Dash Churns, Dog Powers, Butter Workers, Skimmers, Butter Carriers, Ladles, Richardson's Butter Color, Butter Prints, Floating Glass Thermometers, Dairy Thermometers, Cream Gauges, Babcock Butter Tester.

MILK BOTTLES AND CAPS IN QUART AND PINT ALWAYS IN STOCK.

Try Dwarf Essex Rape for Quick Pasture.

IF YOU NEED HARDWARE, WE HAVE IT.

# TIN SHOP.



50 QUART PEDDLING CAN.

## MILK CANS--ALL SIZES.

“ Milkmen are invited to examine our work.” Repairing promptly done, in the best manner, at a moderate price.

## PEDDLING CANS

In 20, 30, 40, 50 and 60 Quart Sizes.

Carrying Cans, all sizes.....	\$ 50 to \$2 25
Dairy Cans, “.....	6 50 to 8 50
Wholesale Pails, “.....	50 to 75
Strainer Pails, “.....	50 to 90
Pint Dippers.....	30 to 60
Quart Dippers.....	50 to 75
Strainers.....	50 to 1 60
Tin Milk Pans, per doz.....	1 50 to 2 25
Tin Milk Pails, all sizes.....	30 to 1 00
Sprinkling Pots, all sizes.....	25 to 1 25
Excelsior Strainers.....	2 00
“Our Own” Strainers.....	1 75
Aerators.....	2 00 to 6 00

All Hand Work and Fully Warranted.

Aerators Made to Order,

Tin Gutters, Galvanized Gutters,  
Tin Roofing, Stencil Cutting,  
Galvanized Iron Work.

Everything in Tin Work made to order on short notice and in the best manner.

Shears, Scissors, Knives and Saws  
Sharpened and Repaired.

ALSO GENERAL JOBBING.

Milk Bottles and Milk Caps Always in Stock.

## DRAIN TILE.



The following sizes of Tile always on hand :

Size.	Weight Each.	Per M.	Size.	Weight Each.	Per M.
2 Inch Rise, Sole Tile.....	3 lbs.....	\$12 00	3½ Horse Shoe Tile.....	4 lbs.....	\$15 00
2½ “ “ “.....	4 “.....	15 00	4 “ “ “.....	5 “.....	20 00
3 “ “ “.....	5 “.....	20 00	5 “ “ “.....	6 “.....	30 00
4 “ “ “.....	7 “.....	35 00	6 “ “ “.....	8 “.....	40 00
5 “ “ “.....	9 “.....	50 00			
6 “ “ “.....	12 “.....	70 00			

Length of Tile, about 14 inches.

Special prices on car load lots direct from factory, which, being located at Chittanooga, N. Y., on the lines of the N. Y. C. & H. R. R. R., the West Shore R. R., and Erie Canal, gives us exceptional shipping facilities.

Hardware, Tools, Glass, Putty.

Tin Work of All Kinds.

BARGAINS IN WHIPS. COME AND SEE US.



# Spring Plants, Bulbs and Roots.

	PER DOZ.		PER DOZ.
Cabbage Plants.....	5 cts.	Pansy Plants.....	50 cts.
Cauliflower ".....	25 "	Asters ".....	35 "
Tomato ".....	25 "	Stocks ".....	35 "
Egg Plant ".....	50 "	Petunia ".....	50 "
Pepper ".....	25 "	Snapdragon Plants.....	40 "
Verbena ".....	50 "	Beautiful Japanese Fern Ball.....	75 "

Gladiolas, Dahlias, Tube-Roses, Tuberous Begonias, Maderia Vines, Peonies, Gloxinias.

## Selected Fall Bulbs in Their Season.

OUR OWN DIRECT IMPORTATION FROM HOLLAND.

Hyacinths,	Tulips,	Daffodils,	Iris,	Oxalis,
Crocus.	Narcissus,	Jonquils,	Snow Drops,	Freesia, etc., etc.
	Lilium Longiflorum, or Ascension Lily,		Lilium Harrisii, or Easter Lily,	
	Lilium Candidum, or Madonna Lily,		Lilium Auratum, or Japan Lily,	
	And other varieties.			
Christmas Hol'y and Holly Wreaths, Ground Pine, Mistletoe, in their season.				

## Florists' Sundries.

Self-Registering Thermometers,	Bulb Syringes,	Shears,
Tin Foil,	Glazing Points,	Scissors,
Green Moss,	Flower Pots,	Fine Cutlery,
Florist Letters,	Hyacinth Glasses,	Syringes for Plants,
Raffia,	Jardiniers and Pedestals,	Flower Pot Brackets,
Immortelles,	Hanging Baskets,	Sharpening of Shears, etc.,
Mastica,	Flower Supports,	Tin Shop,
Plant Labels,	Plant Stands,	Lawn Seed and Fertilizers.
Fumigators,	Trellisses,	Bird Supplies,
Wire Plant Supports,		Silkline, per ball, 30 cts.



\$3.00

\$2.00

\$1.50

### Rustless Oleite, 75c a Box.

An application will prevent rust absolutely. Farmers can save many dollars by its use.

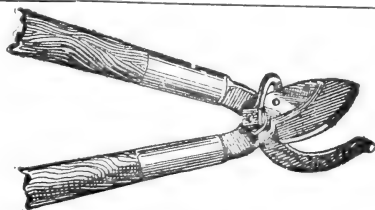
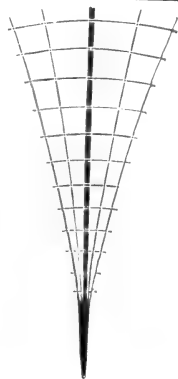
### FLOWER TUBS.

Flower Pots, Hanging Baskets, Jardiniers, Fern Pans, Lily Pans.

## Trellises, Urns, Vases and Settees

We offer a fine variety of styles in various sizes suitable for lawns, front yards, cemeteries, parks, etc. These can be furnished to order on short notice, at reasonable prices.

For full particulars, write or call and see us.



PATENTED.

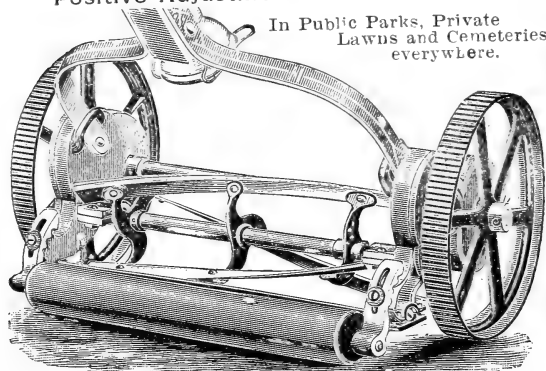
## Diamond Edge Tree Pruner.

The above Pruner is the most powerful Tree Pruner on the market. The strength and power of this tool is wonderful, and the secret of it is that the nut remains where it is turned, for this reason the blades work inside the LINK NUT TIE, thus there is no friction on the head, or nut of the bolt, and the blade always cuts tight to the edge of curved blade and never becomes loose, as on other similar tools.

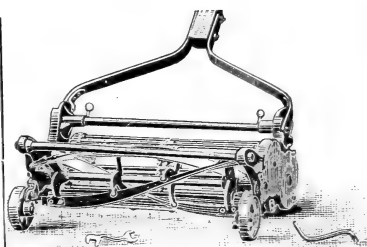
**HIGH WHEEL IMPERIAL.**

Absolutely Warranted for two years.  
Positive Adjustment. Has no Equal.

In Public Parks, Private  
Lawns and Cemeteries  
everywhere.



16 in. \$9 50. 18 in. \$10 50. 20 in. \$12 00. 22 in. \$13 00

**The New Easy.**

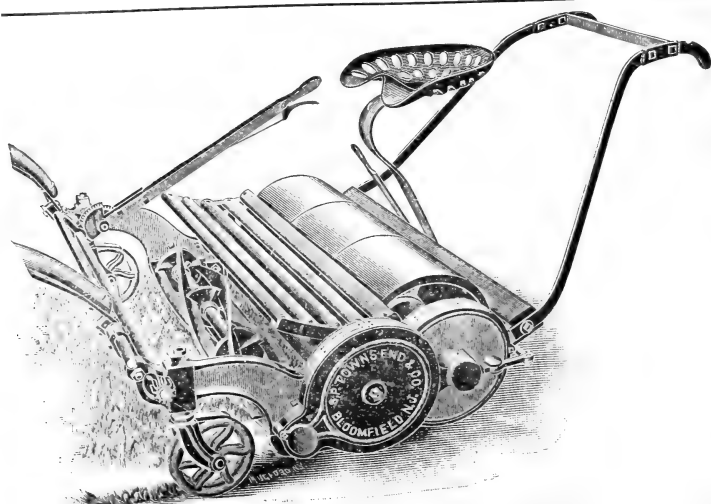
We have sold the "EASY" for 20 years.

The Best All Around  
on Earth,

**TOWNSEND'S****BALL BEARING****"VICTORY"****Ball Bearing.****Lawn Mower.**

This is unquestionably the best  
Ball Bearing Mower on the  
market. Perfect in every detail,  
absolutely guaranteed.

16 inch	-----	\$ 9 00
18 "	-----	10 00
20 "	-----	12 00
22 "	-----	13 00

**Townsend's****TRIPLE RACKET****HORSE****LAWN****MOWER**

Price \$55.00.

Absolutely guaranteed  
to cut clean in turn-  
ing around.

Send for Catalogue.

**LAWN ROLLERS** VARIOUS SIZES AND WEIGHTS, **\$8.00 AND UP**  
Lawn Mowers Sharpened and Repaired.

## Master's Little Giant Plant Setter

Will transplant

**Cabbage,**

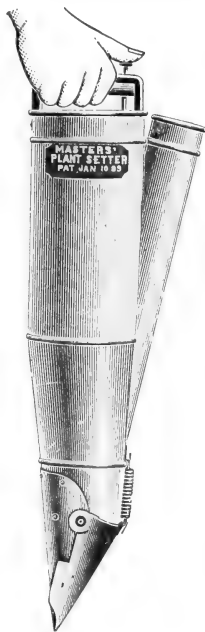
**Tobacco,**

**Tomatoes,**

**Cauliflower,**

**Sugar Beets,**

**Strawberries.**



No more LAME  
BACKS.

No more waiting  
for Showers.

Every plant set  
with water or liquid  
fertilizer.

**AGENTS WANTED—Apply Promptly.**

MARCELLUS, N. Y., Aug. 15, 1900.

F. H. EBELING:

Dear Sir—The Plant Setter I used on 35,000 cabbage and tobacco plants and set the plants in the hottest, dryest weather in June, and every plant lived.

This is wonderful, considering the heat and drought, and compared with the work of the horse planter.

It is simply and absolutely perfect.

I would not be without it for \$50.00.

This Planter enables me to set the best plants from the beds, and not sacrifice the smaller, and the method of watering ensures perfect planting.

E. A. CORNWALL.

Send for special catalogues with abundant testimonials and references.

We are sole agents for Oswego, Madison and Onondaga Counties.

HASTINGS, N. Y., Jan. 5, 1900.

F. H. EBELING:

Dear Sir—We, the undersigned have used your Little Giant Setter on tobacco plants the past season, and found it to work perfectly in every respect. We would not do without them for many times the cost. We can fully and honestly recommend it to any wishing to transplant all small plants in all kinds of soil in the dryest weather. It waters and sets at the same time. We would recommend liquid manure when possible in setting.

C. E. Bush,

A. Palmer.

R. J. Dimon,

L. Waterman,

L. W. Morford,

A. P. Gardner,

S. W. Kent, Cazenovia, N. Y.

And a host of others. Absolutely guaranteed.

## ROBBINS' POTATO PLANTER.

(See Page 39.)

No More Dread of Potato Planting Time:

FULLY GUARANTEED.

Call and see it or send for Book. Will plant Potatoes, Beans, Corn, Peas, etc., with or without Phosphate.

### PRICE.

With Fertilizer Distributor.....	\$65.00
Without Fertilizer Distributor.....	58.00
Pea and Corn Sower Attachment....	5.00
Leveler Attachment.....	1.25

The American Standard.

## HAND CORN PLANTER.

The Universal Favorite. Quickly adjusted for a light or heavy seeding, and rotates similar to the disc in a Horse Planter. \$1.75

## Wiard's Automatic Hand Corn Planter

Simple, Durable, Economical.

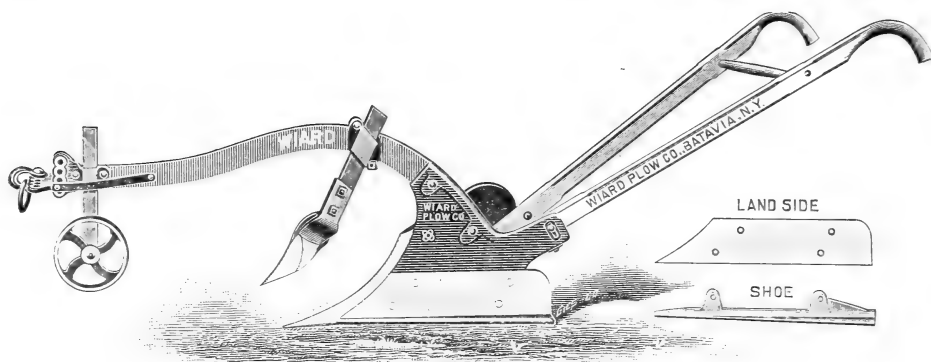
None Better.

Price. - \$1.75.



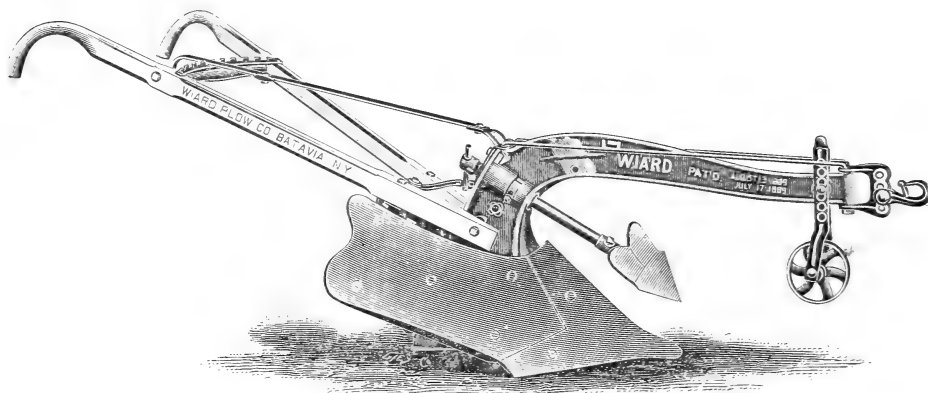
**BUY YOUR HARDWARE OF US.**

# WIARD, STEEL AND IRON BEAM PLOWS.



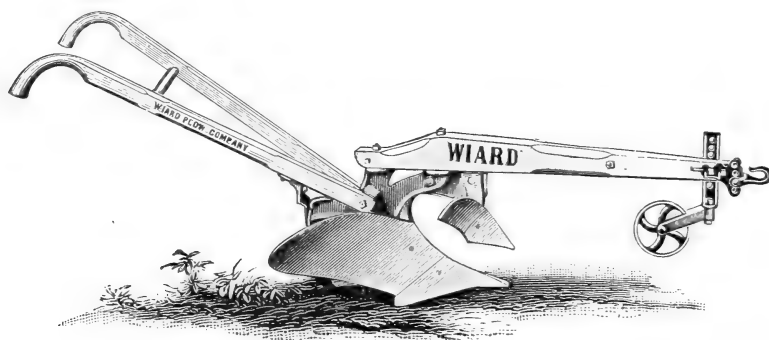
## No. 9. THE BEST OF THE WIARD PLOWS.

Landside view of Wiard Forged Steel Beam Plow. All our steel beam flat-land plows now have landslide and shoe as shown above.



## The Wiard Swivel Plow, with Automatic Jointer or Coulter.

One of the best plows for hillside or flat land and for cutting roots, or use in rough or stony ground. Price, \$13.50.



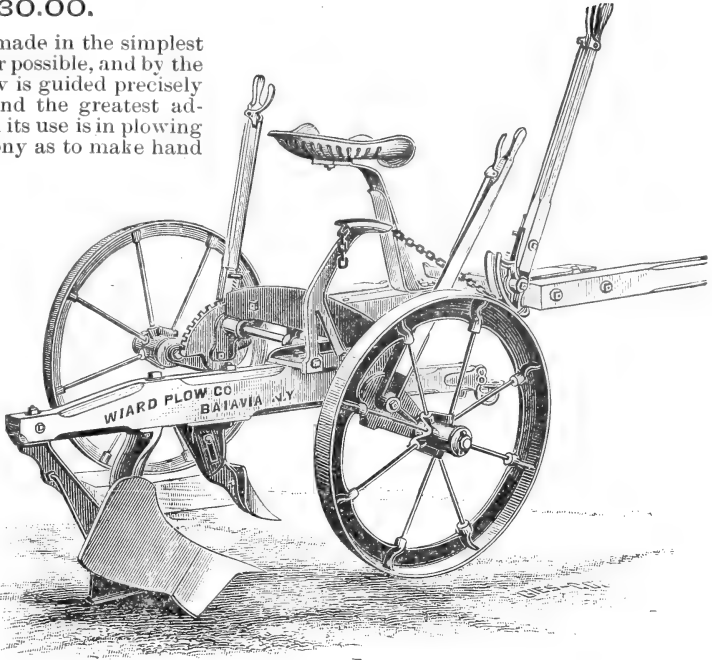
## No. 10-B. Price, \$8.00 to \$10.00.

For one-horse, plows 4 to 7 inches deep, 6 to 10 inches wide; weight, 77 pounds.

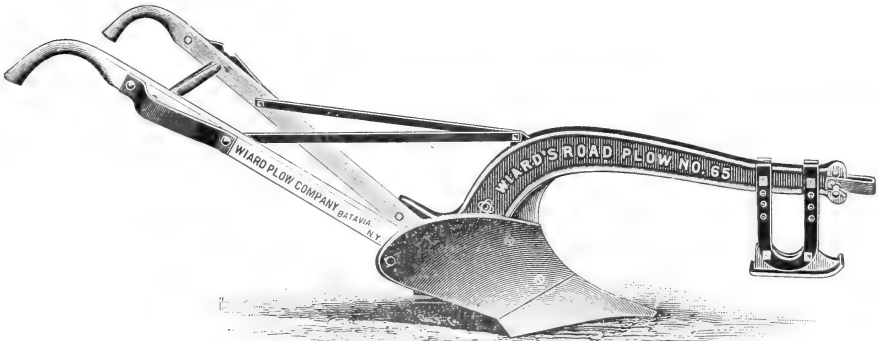
## WIARD SULKY PLOWS.

Price, \$30.00.

This sulky plow is made in the simplest and strongest manner possible, and by the use of levers the plow is guided precisely like a hand plow; and the greatest advantage derived from its use is in plowing lands so hard and stony as to make hand plowing very difficult. Our method of lifting the plow carries the point backward as the plow is raised, freeing it from obstructions under which it may caught. The patent flanged wheel gives it a perfectly uniform furrow, and enables the operator to "finish a land" with utmost precision. The adjustable plates give the exact width of furrow desired, and the sulky is perfectly balanced for either level or inclined fields.



## CONTRACTORS AND ROAD PLOW.



For heavy excavating and all kinds of contractor's work. Of interest to all engaged in moving earth, builders and users of Road Machines; to farmers for deep ditching and leveling, and all cases where great strength and capacity for excavating are required.

This is a very substantial and heavy Plow of sufficient strength for the heaviest work.

The Point and Mouldboard are specially designed for digging and loosening the hardest clay, gravel and rocky ground.

The Handles are securely braced and strengthened with steel plates, having loops to protect them when tipped over.

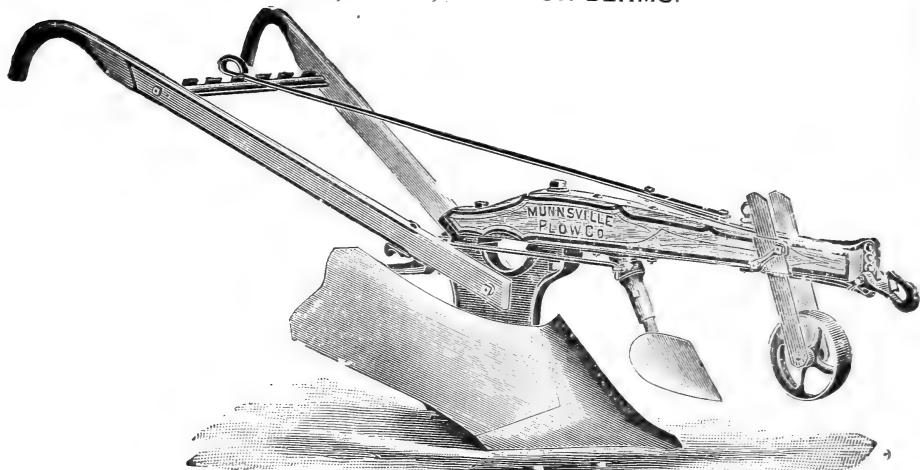
The strong shoe with sloping front is far better and more durable than the wheel commonly used on this class of plows.

### PRICES:

Road Plow with Shoe and Cast Point, \$14.00. Road Plow with Shoe and Acme Steel Point, \$15.00. Without Shoe, \$1.00 less.

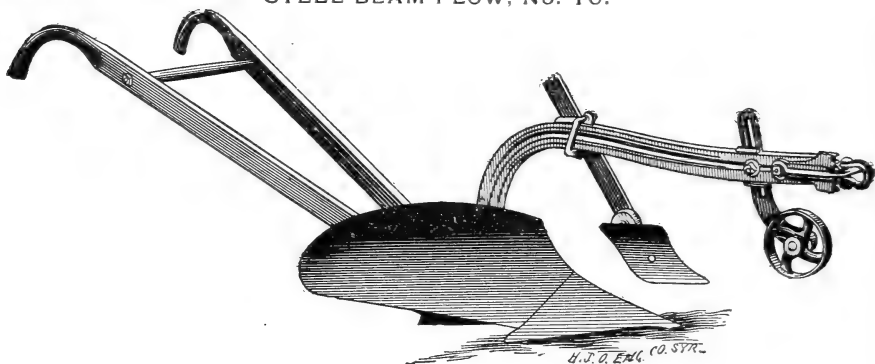
# MUNNSVILLE PLOWS.

WOOD, STEEL, AND IRON BEAMS.



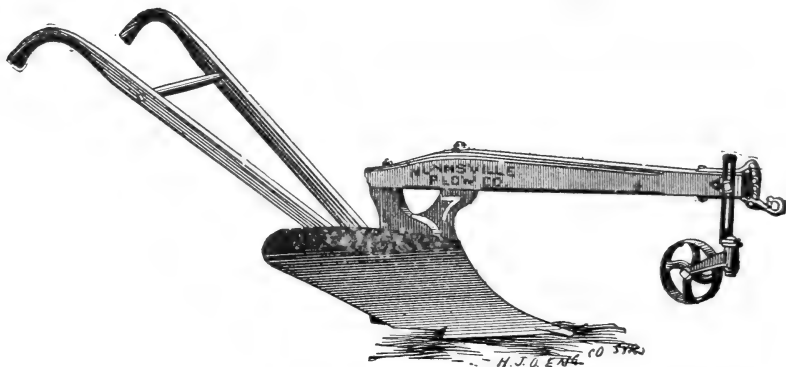
No. 95. This New Reversible Plow is one of the best on the market and will be sold on its merits. Price, \$13.50. Call and See It.

## STEEL BEAM PLOW, No. 10.

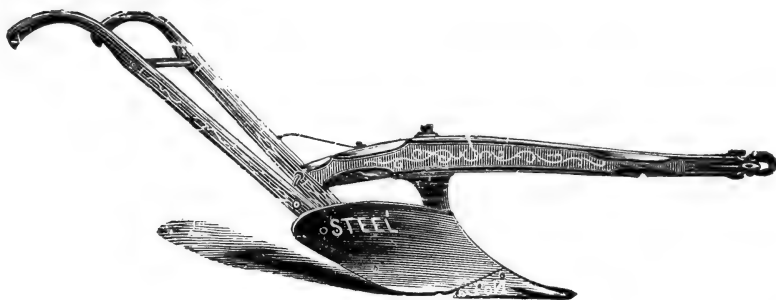


This Plow is long on the run with a high mouldboard, of a shape that insures easy draft, good cleaning qualities, and pleasing general appearance. Although its imitators are many, for general purposes it has never been equaled. Price, \$13.50.

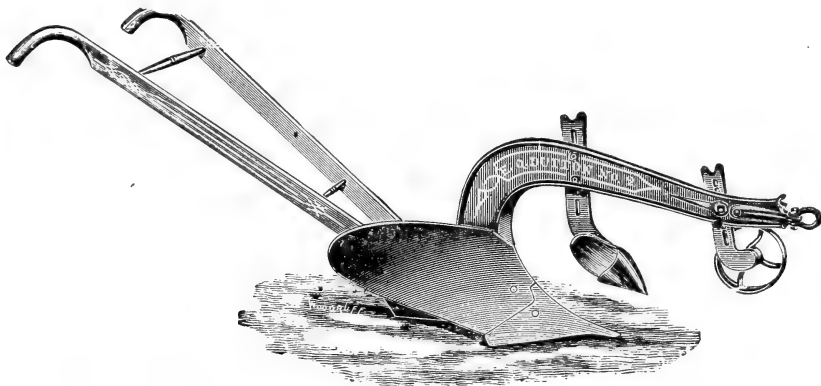
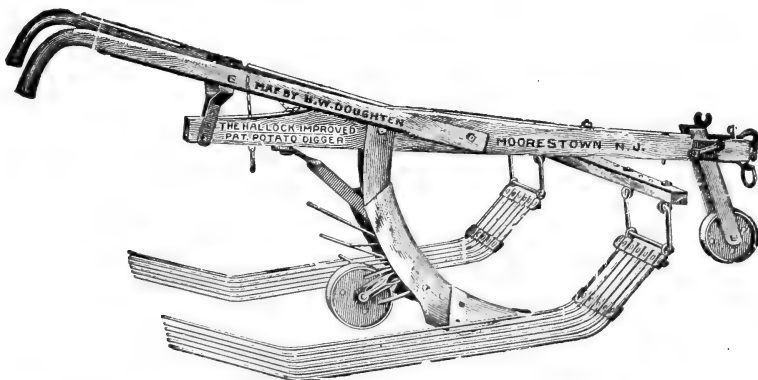
## No. 7 GARDEN OR VINEYARD PLOW.



Shifting beam and handles with trailing wheel always in line with the Plow. Price, Chilled or Steel, \$6.00 to \$8.00. Weight 75 to 85 lbs.

**ONEIDA VALLEY CLIPPER No. 2½.**

This is a light one horse cast steel plow, adapted to plowing out corn, hops and nurseries. Can be guaged so as to plow to and from the rows. Price, \$9.00 plain. This cut also represents our new 2½ chilled Plow. Price, \$7.50 Plain Chilled. \$9.00 Steel.

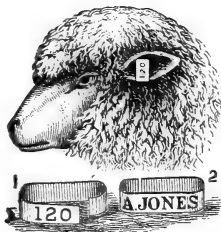
**DUTTON IRON BEAM No. 2. PRICE, \$9.00.****HALLOCK'S POTATO DIGGER. PRICE, \$15.00.**

Refer to Edgar Bowen. Onondaga Valley, Asylum for Feeble-Minded Children, E. A. Coville Split Rock, S. B. Rowe, Camillus, John Oley, Pompey, Ed. Benscotten, Onondaga Valley, and others who have used these diggers.

**PLOWS AND PLOW CASTINGS.**

We are carrying the largest line of Plows and Plow Castings to be found in Syracuse. We can supply parts for nearly every plow in use in this country.





## Dana's Stock Labels

For Cattle, Sheep, Hogs, Etc.

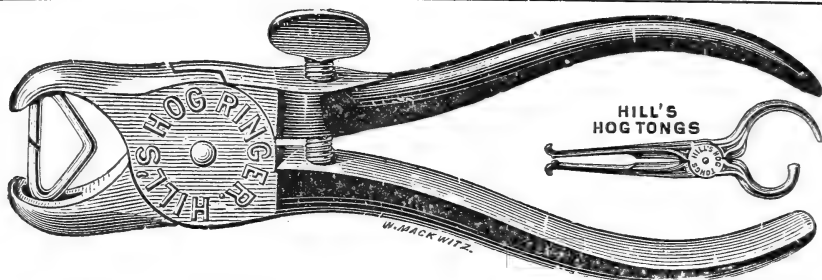
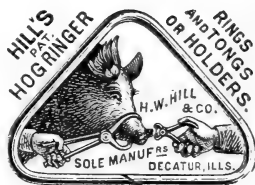
Cattle Labels..... 75c. doz., \$4.50 per 100  
 Sheep and Hog Labels,

50c. doz., \$2.50 per 100

Punches for Cattle.....\$1.50 each

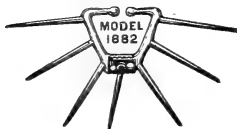
“ “ Calves ..... 1.25 each

“ “ Sheep and Hogs.. 1.00 each



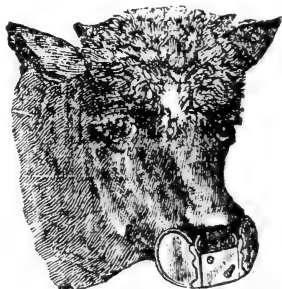
THE PRICES OF HILL'S HOG RINGS, RINGING TOOLS, ETC., HAVE BEEN REDUCED.

## Two Styles Calf and Cow Weaners.



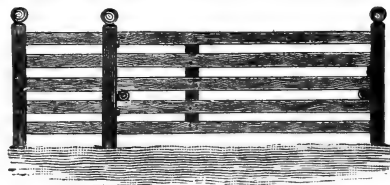
PRICE, . . .

25, 50 and 75 cts.



## GATE ROLLERS AND TRIMMINGS.

BEST GATE ROLLER EVER MADE.



The above cut show the "Acme" Gate Roller, also a gate with the fixtures all on. The bearings being chilled the gate runs very easy. Any one with a saw and a hammer can make a gate, any lumber answers; with these rollers one can have the cheapest and best gate in use.

Sixteen feet double gate, two openings, 12 foot and 3½ foot each, made of 16 foot lumber will want wheels 1 and 2, screw slot No. 3, screwed into the post, bottom board to the gate to run in the slot to keep gate tight to the post; 13 foot gate wants wheel No. 1, two catches No. 4, screw slot No. 3 to hang the gate on first post.

PRICE—6 inch Wheel, Single Gate Trimmings, per set 75 cents.

The cheapest, best and most durable gate ever made. Always ready for business, winter or summer, and will last a lifetime. We have a limited number of these Gate Rollers and trimmings and offer same at a bargain.

BUY YOUR HARDWARE OF US.

## Farmers' Combination Clamp and Drill.



**\$2.25 with Diamond Point Drills.**

**Extra Drills, 10 cents each.**

**\$3 with Syracuse Twist Drills.**

**Extra Drills 25 cents each.**

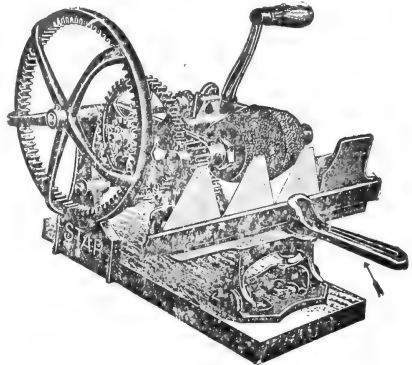
The lowest priced first class article of its kind on the market. Can be used as a wood clamp, also a bench vice or hand drill. Thoroughly practical.

This cut represents our Sickle Grinder with the knife head clamped in the machine. This is the only grinder made that is adjustable for every requirement of work, long or short, wide or narrow, new or old knives, and can be adjusted to grind sections above the knife head. Guard the points by screwing down the thumb screw that the arrow is pointing to. You can grind the knife as perfectly as when it was new.

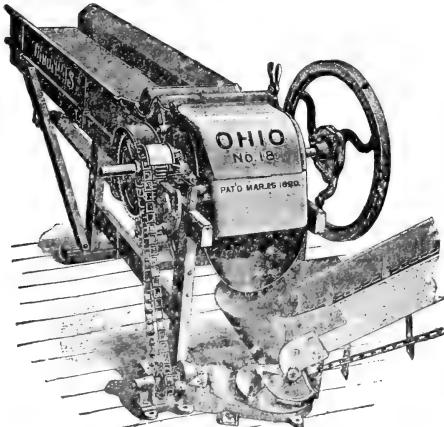
Stones fit the bevel of knives, preserving their original shape and bevel till worn out. As the stone oscillates or passes up and from heel to point of blade every fifth turn of handle or large gear, it positively cannot heat nor draw the temper.

The best and only grinder on the market. Price, \$4.50.

## STAR SICKLE GRINDER.

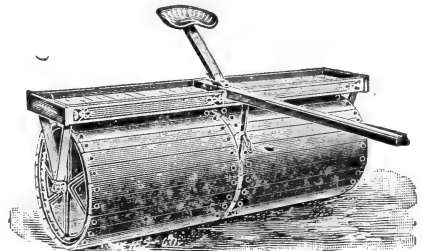


**We Sell the Famous**  
**"OHIO" Self-Feed Ensilage Cutter,**  
 and New Metal Strip Swivel Carrier  
 New Model for 1899.



**NEW MODEL FOR 1899.**

We can also furnish Shredder Cylinder for the "OHIO" line Nos. 11, 13, 16, 18, 24 and 26 Cutters. Elegant illustrated catalogue free. Fully guaranteed and reasonable in price. We offer the **Lever Feed Cutter** at a specially low price this season.



## HARD WOOD ROLLER.

28-inch, two sections. .... \$17.00 to \$20.00

## STEEL ROLLER.

26-inch, two sections \$25.00 to \$30.00  
 Lawn and Garden Roller, 8.00 to 12.00

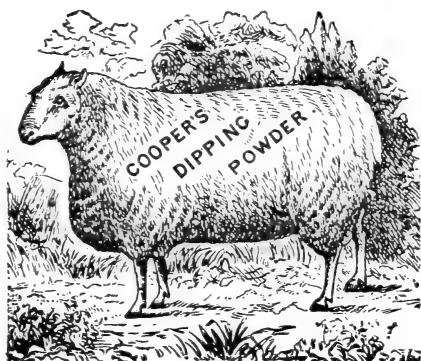


All varieties of barn door rollers, with all the fixtures for Barn Doors, etc., Stay Rolls, Lock Hasps, Sliding Door Locks, Gate Rollers and farmer's hardware generally, including Cronk's New Steel Covered Anti-Friction Hangers.

**Buy Your Whips and Hardware of Us.**

**We Sell All Kinds of Fertilizers.**

## COOPER'S SHEEP DIPPING POWDERS.



The finest in America, used by all ranchmen in the West, sure cure for scabs and ticks. We could show you a list of testimonials a yard long if necessary, but those we have from firms so well known among sheepmen will be all that is required to convince you we have the best. Sold at factory price. Small packages will make 25 gallons, large packages 100 gallons, ready for use. An unprecedented demand has set in all over the United States for our celebrated Sheep Dip, consequent upon the favorable verdict of sheepmen who have used it. Other preparations are being relinquished, as "Cooper" is found far superior in every way.

PRICE, 50 CENTS AND \$2.00.

## LAMBERT'S DEATH TO ...LICE...

Kills Absolutely Lice or Fleas on Poultry,  
Horses, Cattle, Cats, Dogs, Hogs,  
Ticks on Sheep, Lice on Plants,  
Carpet Moths, Water Bugs,  
Protects Furs and  
Woolens.

ABSOLUTELY GUARANTEED.

### PRICES:

5 ounce box.....	10 cents
15     "     .....	25     "
48     "     .....	50     "
100    "     .....	\$ 1.00

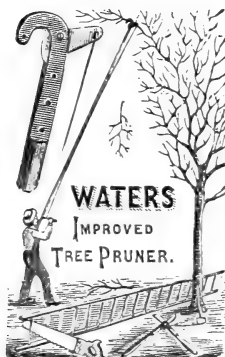


## Water's Improved Tree Pruners.

A good pruner is an indispensable article to everyone who cultivates a single fruit tree, and the Water's Pruner is the best one yet off-red. It is without a competitor for favor. These Pruners can only be sent by express, purchaser paying the charges. Prices, delivered free at express office, as follows:

Length of Pole	4 feet, weight	2½ lbs	.....	\$1.00
"     "     "	6     "     "	2¾     "	.....	1.00
"     "     "	8     "     "	3¾     "	.....	1.25
"     "     "	10    "     "	4½     "	.....	1.50
"     "     "	12    "     "	5     "	.....	1.50
Extra knives, postpaid, each				.35

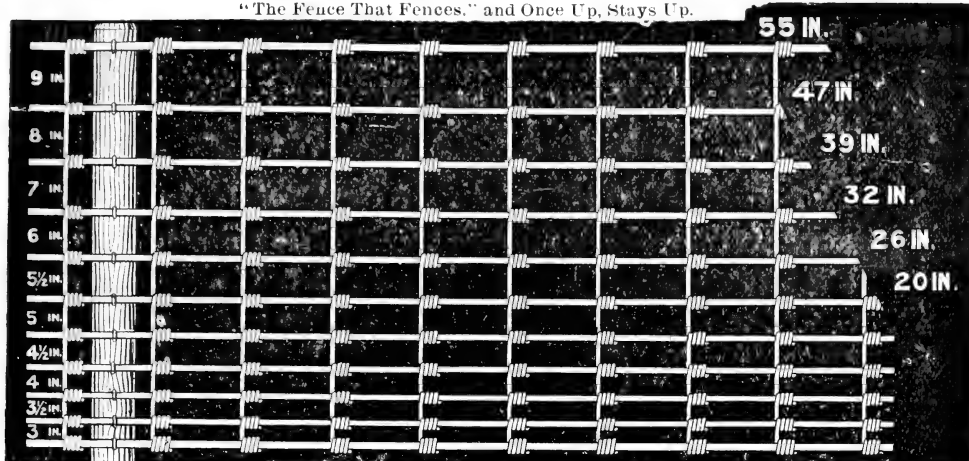
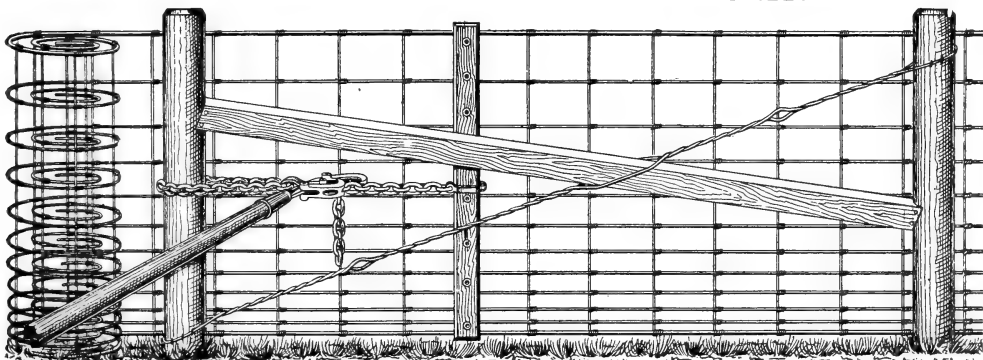
SEND FOR CATALOGUE.



## Corrugated Galvanized Iron Basket.

Your attention a moment to our Good Basket at a moderate price.

Scroll and Circular Saw with Lathe, Hand and Power Combined, For Sale at a bargain. Also Shelving and Counters.

**"AMERICAN" FIELD AND HOG FENCING.****"The Fence That Fences," and Once Up, Stays Up.****Special Horse, Hog and Cattle Fence.****THE LOT STRETCHER FURNISHED IF DESIRED.****Showing Stretcher in Use.**

Catalogue and Full Particulars on Application.

**SEVEN TOOLS IN ONE.****WANTED BY 6,000,000 FARMERS.**

It takes the place of Button Pliers.

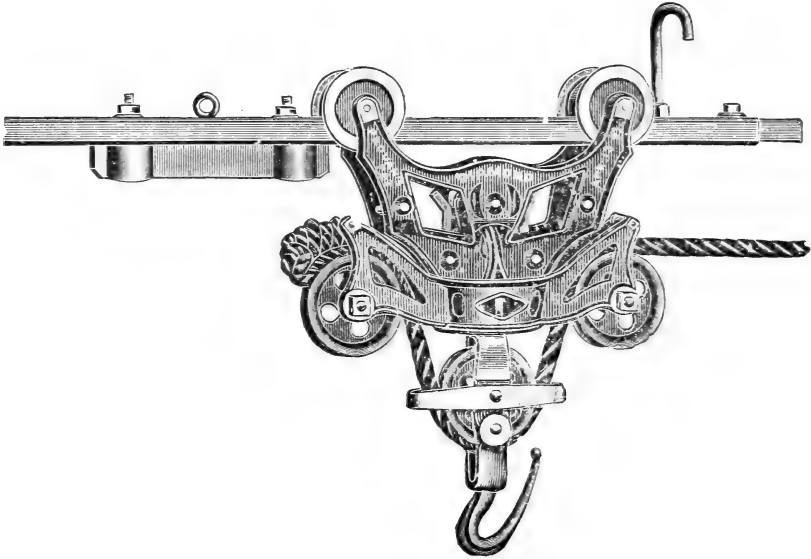
**7--TOOLS IN ONE--7****A Crack-a-Jack Seller. Price, \$1.00.**

It will drive a staple. It will pull the staple. It will make a staple. It will cut the wire. It leaves the wire straight. It can be used as a wrench. It is a pincher. It is a wire straightener. It removes wire trellises. It is a nail puller. Saves hiring men. Saves old fence. Saves wire. Saves a hammer. Saves bending wire. Saves cutting wire. Saves time and wages. Saves staples. Saves cutting hands. Saves going to town. Saves losing temper. Saves chasing cows.

# Diamond <sup>Wood or Steel</sup> Reversible Car.

Is Made Entirely of Malleable Iron. Light and Durable. It Runs Both Ways on the Track Without Changing.

PRICE, \$4.50.



## DIAMOND STEEL AND WOOD TRACK—NO EQUAL.

This car runs on a steel track, suspended by the Iron hooks which we furnish at \$1.00 per dozen. Any carpenter can put this car in shape to run at small expense.

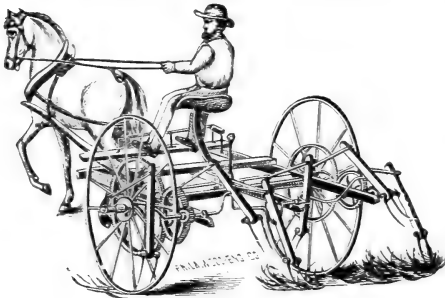
Double Harpoon Forks.....	\$1.00	Star Hay Car, Steel track.....	\$ 4.50
Pulleys in Wood and Iron, each.....	25c to 75c	Diamond Car, Wood track.....	4.50
Rope, best Manilla at lowest prices.		Myers Adjustable Car.....	8.00
The Kershaw Iron Rod Car.....	\$6.00	The Bullard Hay Tedder.....	\$35.00
The Ney Hay Car, for wood track.....	4.00	The Wiard Horse Rake.....	20.00
The Sprout Car, for wood track.....	3.00	New Yorker Horse Rake.....	20.00

We have the Teeth for these Rakes and Tedders.

WE CARRY A FULL LINE OF HAYING TOOLS OF ALL KINDS.

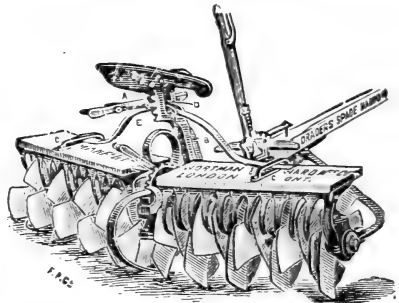
HORSE RAKES—at Special Prices.

## BULLARD HAY TEDDER.



PRICE, \$35.00.

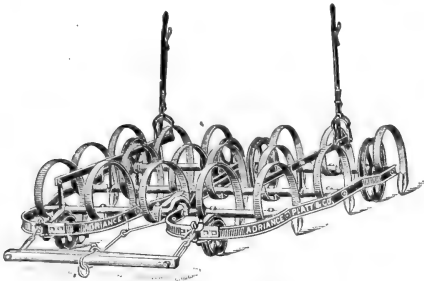
## The Morgan Patent Spading Harrow HAS NO EQUAL.



PRICE, \$22.00.

## Adriance, Platt & Co.'s New Yorker Rake.

As full of good points as a Rake can be.



### Adriance Harrows.

Spring Tooth, with self-setting levers, on wheels, with or without seat.

Price.....\$15.00, \$16.00 and \$17.00

Peg Tooth, with levers, adjustable teeth and strong framing, \$13.00.

### New Yorker Disk Harrow.

The simplest and most durable.

Price.....\$22.00

### ROLLERS—Steel or Wood, various sizes.

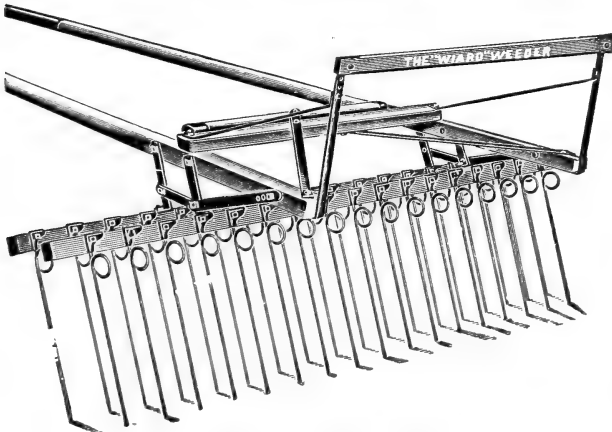
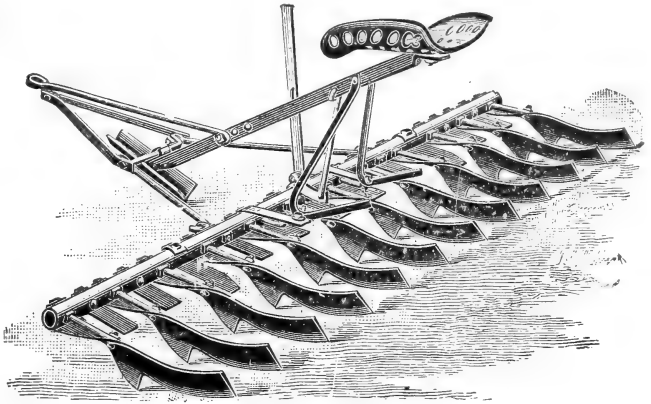
Prices \$20.00 to \$30.00.

We handle them all. Send for Circulars.

### "Acme" Pulverizing Harrow Clod Crusher and Leveler

PRICE, \$15.00.

Warranted  
Against Breakage  
for  
One Year.



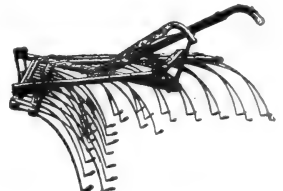
### WIARD WEEDER.

Price, \$9.50.

We offer a Spring Tooth Harrow for \$10.00.

### KEYSTONE ADJUSTABLE; WEEDER.

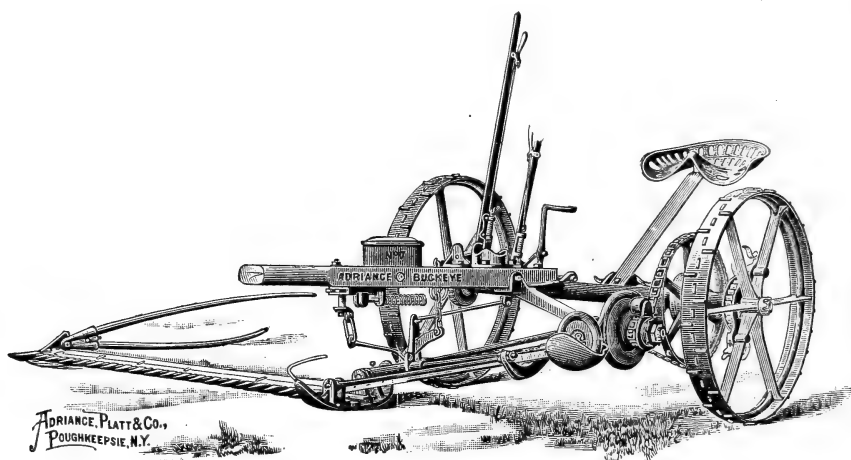
Price, \$9.50.



Can expand to 7½ feet and  
narrow to 30 inches.

SEE NO FOR CATALOGUE ON ABOVE TOOLS.

## Adriance Buckeye Mowers, Chain Drive or Geared

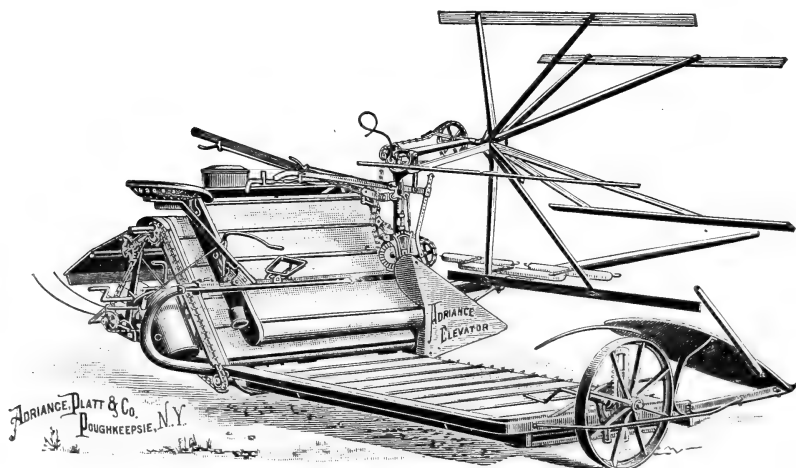


**Adriance Buckeye Mowers** have been known longer and sold in greater numbers in New York State than other mowers, because they have always embodied the greatest improvements and have combined more good points than any others.

**Adriance and Adriance Triumph Reapers** meet all requirements. The Adriance is the best "all 'round" reaper and great for ensilage corn. The Adriance Triumph is the very lightest draft and the leading light reaper.

**Adriance Elevator and Adriance Binders** suit any farm or conditions. Have the "Straight Away" binding attachment, gear driven reel, device to easily loosen or tighten aprons and other special valuable features. The most economical in use.

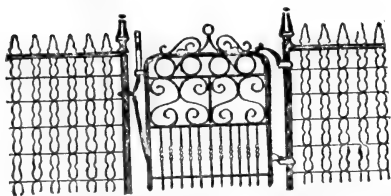
**We Sell All of the Adriance Line and carry extras in stock.**



**SEND FOR CATALOGUE.**



## HARTMAN LAWN FENCE AND GATES.



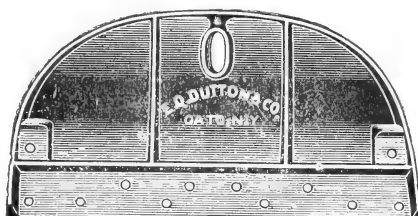
We are prepared to furnish this handsome and durable Fencing and Gates at reasonable prices. Samples will be shown and estimates given. For further particulars call at the store.

## IRON STONE BOAT HEAD.

Simple, . . . .

Complete, . .

Inexpensive.



The illustration shows a simple device whereby a stone boat can be made in a few minutes by using straight plank. One head will last for years.

Each \$3.00.

Delivered at your Railroad Station.

## STEEL AND CAST IRON HOG TROUGHS.



No more trouble building Hog Troughs. One of these will last a lifetime. Made in four sizes, 3, 4, 5, and 6 feet, 8 inches deep, 12 inches wide. Price 40 cents per foot.

## COMPRESSED SALT CAKES AND FRAMES.

For Horses, Cattle and Sheep.

(Patented.)

Pure Salt Refined, acts as a tonic, invigorates the system, promotes digestion, purifies the blood, increases strength of bone and muscle; in fact, it is a stimulus for the general health and thrift of animals, as well as mankind.

25 cents per Cake, 5 Cakes \$1.00. Frames, 25 cents.

## THE CHAMPION BALL-BEARING SHELLER

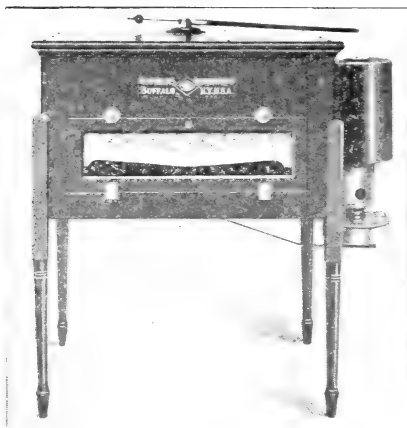
Has no equal. It is the best Sheller on the market, and considering the amount of work it will do, it is the cheapest. Its work is easy, rapid and highly satisfactory. Its unique automatic adjustment, improved shelling disc and telescopic construction are all new inventions, embodying improvements found in no other corn sheller. Price, \$1.50.

Clipper Corn Sheller.....\$6.00  
Burrill Corn Sheller..... 4.75



## Cyphers' Incubators and Brooders.

The Cyphers Patent-Diaphragm, Non-Moisture, Self-Ventilating Incubators,



For which we are authorized agents, are guaranteed by the manufacturers as follows:

**First**—To require no supplied moisture.

**Second**—To be self-ventilating.

**Third**—To be self-regulating.

**Fourth**—To operate with less oil and at less expense than any other make of incubator.

**Fifth**—To be fire-proof, having the best, the safest, and the most costly built heater attached to any incubator.

**Sixth**—To be in all essentials the simplest and easiest to operate and control, requiring less labor and attention than any other incubator.

**Seventh**—To produce larger and stronger chicks than any other make of incubator on the market.

The result is an Incubator that is **Positively Self-Regulating, Self-Ventilating and Requires no Supplied Moisture.**

If you are in search of the best practical Incubator manufactured to date, the one that will hatch "the largest number of the strongest chicks or ducklings," **The Cyphers is that Machine.**

The Cyphers Incubators are used to-day on **Twenty-six Government Experiment Stations** in the United States, Canada, Australia and New Zealand. At these stations, which are operated at public expense, the Cyphers Incubators are used by the Professors of Agriculture and Poultry Managers for the purpose of demonstrating to students and poultry classes the scientific principles of artificial incubation.

The **Cyphers Patent-Diaphragm, Non-Moisture, Self-Ventilating Incubators** are rapidly supplanting the old-style incubators on the largest broiler plants, duck ranches and egg farms throughout the country, and to-day are used by a majority of America's most successful poultrymen, including prominent fanciers; also by thousands of persons in all walks of life.

**It now is no idle boast** that the sun never sets on the good work being done by the Cyphers Incubators "the world around." They are used in every country on the globe where poultry is produced for market, and are giving uniform satisfaction. **Five minutes' attention morning and evening** positively is all the time required to take proper care of this unequalled hatching machine.

## The Standard Hatcher of the World.

Cyphers' Incubators cost a little more than cheaply-built, wrongly-constructed, inferior-hatching machines, but they are worth **a great deal more.** As a matter of fact they are what every earnest poultry raiser wants—a trustworthy, automatic incubator that with the least practicable attention will hatch the largest possible number of the strongest, largest and most vigorous chicks from a given number of fertile eggs.

The whole story is summed up in the Company's final guarantee, which we, as their agents, are authorized to stand back of in every particular, namely, **that the Cyphers Incubator will do satisfactory work in the hands of every purchaser who will give it a fair trial, or it can be returned and the price paid for it will be refunded.** Could any proposition be fairer than this? It is equivalent to buying a certainty in an incubator. Our advice to every reader of this catalogue is: **Buy the best, then you will know you are right.**

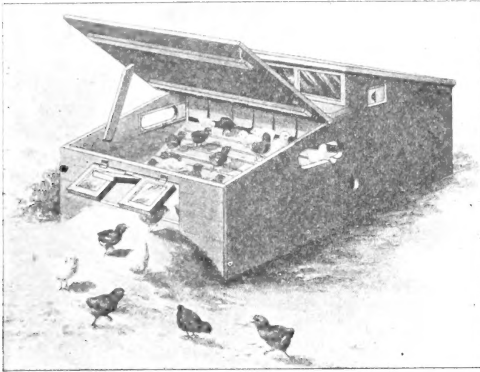
### PRICE LIST OF CYPHERS' INCUBATORS.

No. 0.	60	Hen eggs,	48	duck eggs	-----	\$14 00
No. 1.	120	"	100	"	-----	20 00
No. 2.	220	"	190	"	-----	29 00
No. 3.	360	"	290	"	-----	37 00

# CYPHER'S INCUBATORS AND BROODERS.

## CYPHER'S INDOOR, OUTDOOR SECTIONAL BROODERS.

The Cut Here Represents the Style A Outdoor Brooder—Front View.



**Style B Indoor Brooder**—The Cypher's Style B Brooder, standard size (36 x 36 inches), is for indoor use exclusively. It is heated by a Cypher's Safety Brooder Stove, has two apartments for the chicks, one under the hover, the other outside and around the hover; this outside apartment being ten to fifteen degrees cooler than under the hover.

**Style A Outdoor Brooder**—Next to its incubator, the Cypher's Company especially prides itself on the three-apartment, Style A Outdoor Brooder it manufactures. They un-

hesitatingly guarantee this to be the best brooding device on the market for either indoor or outdoor use, regardless of price, and all Cypher's Brooders, size and quality of material considered, are sold at reasonable prices. In the Cypher's Outdoor Brooder, style A, with a total floor space of 36 x 60 inches, we have not only the double apartment arrangement, consisting of the hover and well-lighted apartment surrounding the same, but for daytime use what amounts to a separate cooler brooder, or two brooders in one.

**Cypher's Sectional Brooders**—These Sectional Brooders are made in three sizes, two, three and four sections. They are 38 inches wide and 11 inches high. Each section is three feet long. The materials used are the best. There are six heating pipes, substantial and lasting boilers and lamps, a safety expansion tank, adjustable floors and heavy felt hover curtains. They are the most practical and inexpensive hot water brooders ever designed for indoor use in moderate temperatures.

A large, sixteen-page catalogue, illustrated, descriptive circular free on request.

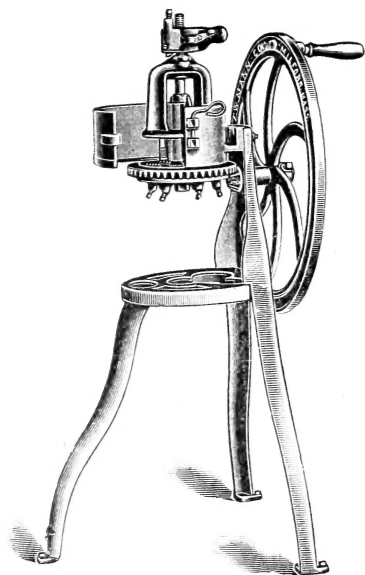
**A Complete Catalogue for 1902.** consisting of 180 pages, 8 x 11 inches in size, containing a detailed description of the Cypher's incubators, brooders poultry appliances and poultry specialties; also over five hundred photographic illustrations of America's largest broiler plants, duck ranches, eggs and specialty farms, mailed to any address for ten cents in stamps, or silver, to pay postage.

## Prices of Cypher's Brooders, all styles.

Style B, Indoor.....	\$10 00
Style A, Outdoor.....	12 00
2-section sectional.....	18 00
3-section ".....	23 00
4-section ".....	28 00

Address, F. H. EBELING,

217 Warren Street, Syracuse, N. Y.



## Mann's Celebrated Bone Cutters.

We offer the best Bone Mill on the market. Fully warranted against breakage for two years. The only machine that will cut green bone fine enough for Bantams and little chickens.

### Price List Mann's Green Bone Cutters.

No. 5 C	With Crank Handle .....	\$ 6.00
No. 5 B	With Balance Wheel .....	8.00
No. 5 B M	" " " and iron stand .....	10.40
No. 7	" " " " " " .....	12.00
No. 9	" " " " " " .....	18.40
No. 11	Power Machine .....	26.00

CATALOGUE FREE.

## Climax Leg Band.

Neat. Light. Durable. Warranted to stay on.

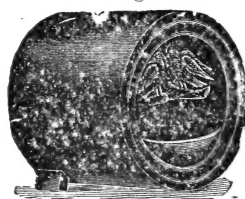
Climax Leg Bands for Poultry ..... 25c. per doz.; \$1.35 per 100  
Copper Leg Bands for Poultry ..... 25c. per doz.; \$1.35 per 100

Directions—Slip the ring on the fowl's leg, place the tag on one of the hooks and spring the other hook into place.



## ...DRINKING FOUNTAINS....

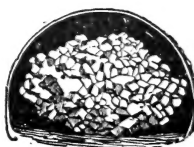
Eureka Non Freezing, made of Galvanized Iron in two sections. Easily cleaned. Will last a life time. 1-gallon, 50c.; 2-gallon, 60c.



1-gallon ..... 30c.  
1 " ..... 40c.  
2 " ..... 50c.



The Philadelphia Poultry Marker. Price, 25c. each.



Before.



After.

**Granite Crystal Grit Magnified.**—Crystal Formation. Sharp, Clean, Hard. Free from Dust. Lasts Longer. More Economical than any other grit. Best known.



Annual Catalogue  
**EBELING,**



HARDWARE  
IMPLEMENTS,  
DRAIN TILE,  
TIN SHOP.

BS.